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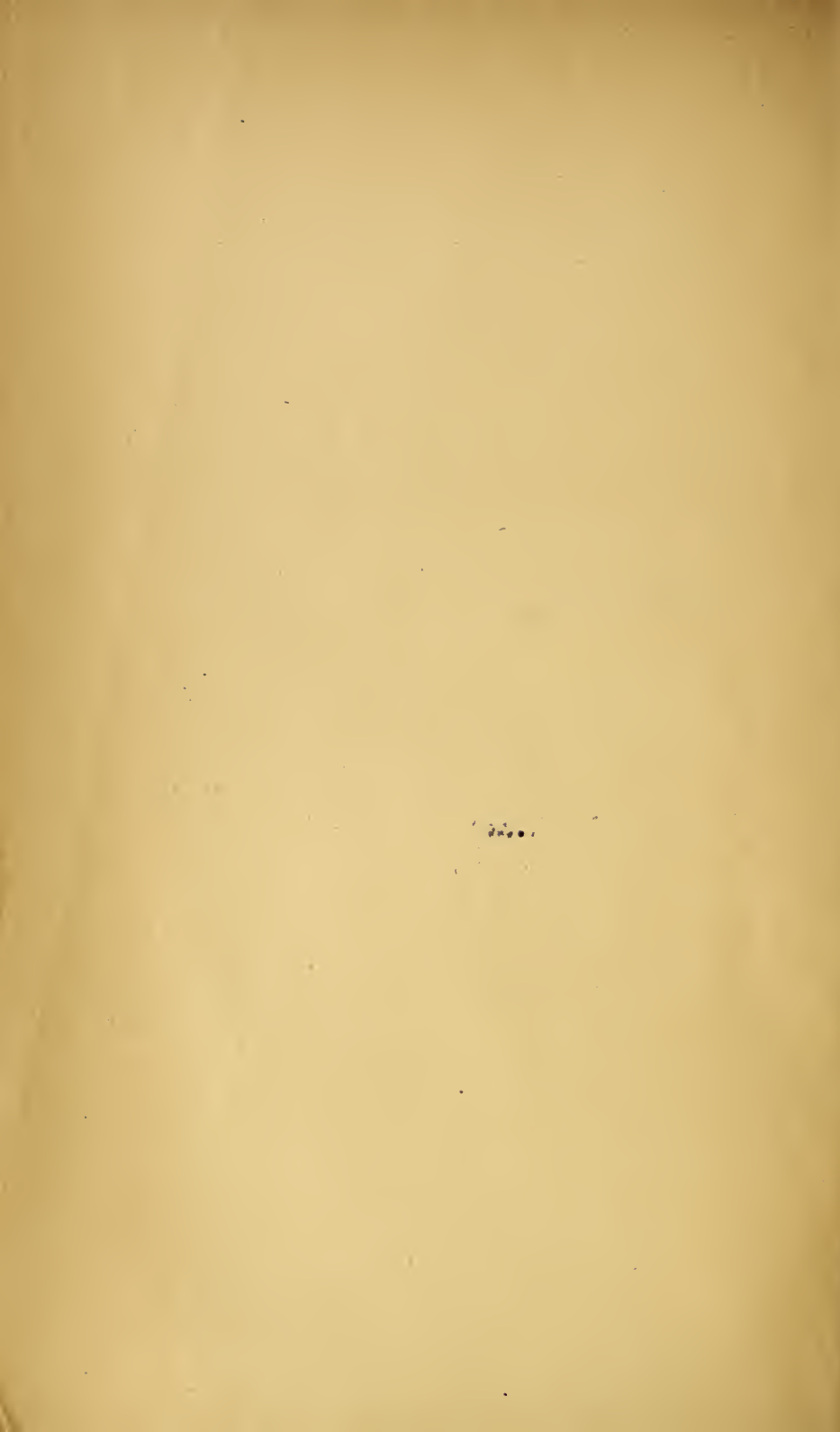
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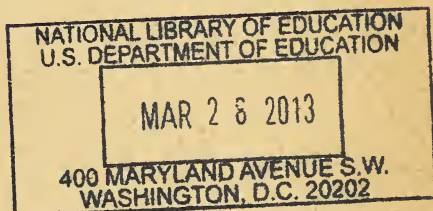


REPORT

OF THE

COMMISSIONER OF EDUCATION

FOR



THE YEAR 1888-89.

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VOLUME II.

CONTAINING

PART III.—Chapters XXII to XXXV—Detailed Statistics of Educational
Systems and Institutions, with Comments and Discussions.

WASHINGTON:

GOVERNMENT PRINTING OFFICE.

1891.

THE UNITED STATES BUREAU OF EDUCATION.

*Created as a Department March 2, 1867.
Made an Office of the Interior Department July 1, 1869.*

COMMISSIONERS.

HENRY BARNARD, LL. D.,
March 14, 1867, to March 15, 1870.

JOHN EATON, PH. D., LL. D.,
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NATHANIEL H. R. DAWSON, L. H. D.,
August 6, 1886, to September 3, 1889.

WILLIAM T. HARRIS, LL. D.,
September 12, 1889, to date.

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1888-'89
Vol. 2

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PART III.

CHAPTER XXII.

STATISTICS OF STATE COMMON SCHOOL SYSTEMS.

PRELIMINARY REMARKS.

It was not possible at the time of closing the following tables to present in full the statistics of common schools in the United States for the school year 1888-89. The figures which follow are compiled from the most recent information received, about three-fourths of the States and Territories being represented by reports for the year 1888-89. The corrected totals will be given in a future report.

The population heretofore has been given for that June which fell near the beginning of the school year reported; in this report it is given for the June of that calendar year in which the school year reported closed; *i. e.*, if the school year reported is 1888-89, the population is computed for June, 1889. This method is preferable on several grounds, one obvious advantage being that the official census figures of 1890 will now be used in connection with the school statistics of 1889-90, instead of waiting for those of 1890-91. On account of this change, however, the enrollment, expenditure, etc., per capita of population and of school population, as given in this report, *is not comparable with the same data as given in previous reports.* The corrected statistics of previous years are given in the present report, pages 9-31.

The United States census of 1890, in connection with that of 1880, has been used as a basis for computing the population given in the following table (column 3). It therefore very closely approximates the actual population at the epoch given (mainly 1889); the percentages based upon it are probably accurate as far as carried out.

TABLE 1.—*Estimated population and population per square mile; number of pupils enrolled; same compared with the enrollment of the previous year and with the population; all mainly for 1888-89 (the population being given for the close of the school year).*

| State or Territory. | School year ended— | Estimated total population. | | Enrollment. | | | |
|------------------------------------|--------------------|-----------------------------|----------------------------------|--------------------------------------------------------|-----------------------|-----------------------------------------|----------------------------------------|
| | | Number. | Average number to a square mile. | Whole number of pupils enrolled in the common schools. | Increase or decrease. | Percent- age of increase or de- crease. | Percent- age of popula- tion enrolled. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| United States a..... | | 60,971,114 | 21.0 | 12,291,259 | I.....220,903 | <i>Per cent.</i> I... 1.83 | <i>Per cent.</i> 20.2 |
| North Atlantic Divi- sion | | 17,007,400 | 104.9 | 3,026,460 | I..... 13,274 | I... .44 | 17.8 |
| South Atlantic Divi- sion | | 8,649,600 | 32.2 | 1,711,082 | I..... 3,607 | I... .21 | 19.8 |
| South Central Division | | 10,626,500 | 19.7 | 2,139,617 | I..... 87,509 | I... 4.26 | 23.1 |
| North Central Division | | 21,994,814 | 29.1 | 4,938,474 | I..... 80,486 | I... 1.66 | 22.6 |
| Western Division..... | | 2,782,800 | 2.4 | 475,626 | I..... 36,027 | I... 8.19 | 17.1 |

a Excluding Alaska.

TABLE 1.—Estimated population and population per square mile, etc.—Continued.

| State or Territory. | School year ended— | Estimated total population. | | Enrollment. | | | |
|---------------------------------|--------------------|-----------------------------|----------------------------------|--------------------------------------------------------|-----------------------|-------------------------------------|------------------------------------|
| | | Number. | Average number to a square mile. | Whole number of pupils enrolled in the common schools. | Increase or decrease. | Percentage of increase or decrease. | Percentage of population enrolled. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| North Atlantic Division: | | | | | | | |
| Maine..... | Mar. 31 | 659,100 | 22.0 | 143,113 | D..... 1,067 | <i>Per cent.</i> D... .74 | 21.7 |
| New Hampshire... | Mar. 31 | 372,900 | 41.4 | 69,124 | D..... 1,702 | D... 2.75 | 16.1 |
| Vermont <i>b</i> | Mar. 31 | 332,200 | 86.4 | 68,453 | D..... 2,949 | D... 4.13 | 20.6 |
| Massachusetts..... | Mar. 31 | 2,172,000 | 270.1 | 363,166 | I.... 5,106 | I... 1.44 | 16.7 |
| Rhode Island..... | Apr. 30 | 336,700 | 310.3 | 51,895 | D..... 827 | D... 1.57 | 15.4 |
| Connecticut..... | July 14 | 732,500 | 151.2 | 127,089 | I..... 1,034 | I... .82 | 17.3 |
| New York..... | July 25 | 5,885,000 | 123.6 | 1,033,813 | I..... 544 | I... .05 | 17.6 |
| New Jersey <i>b</i> | Aug. 31 | 1,374,000 | 184.3 | 224,398 | I..... 291 | I... .13 | 16.3 |
| Pennsylvania..... | June 3 | 5,143,000 | 114.3 | 954,409 | I..... 12,784 | I... 1.36 | 18.6 |
| South Atlantic Division: | | | | | | | |
| Delaware <i>b</i> | Mar. 31 | 163,400 | 83.4 | 32,552 | D..... c625 | D... c1.88 | 19.9 |
| Maryland..... | June 30 | 1,029,000 | 104.4 | 179,460 | I..... 2,873 | I... 1.63 | 17.4 |
| District of Columbia..... | June 30 | 223,900 | 3,731.6 | 35,764 | I..... 914 | I... 2.62 | 16.0 |
| Virginia..... | July 31 | 1,635,000 | 40.7 | 336,948 | I..... 6,668 | I... 2.02 | 20.6 |
| West Virginia..... | June 30 | 744,900 | 30.2 | 187,528 | D..... 1,723 | D... .91 | 25.2 |
| North Carolina <i>b</i> | June 30 | 1,571,000 | 32.3 | 337,382 | I..... 12,103 | I... 3.72 | 21.5 |
| South Carolina..... | Aug. 31 | 1,131,000 | 37.5 | 194,264 | I..... 830 | I... .43 | 17.2 |
| Georgia <i>d</i> | Dec. 31 | 1,772,000 | 30.0 | 321,176 | D..... 21,118 | D... 6.17 | 18.1 |
| Florida..... | Sept. 30 | 379,400 | 7.0 | 86,008 | I..... 3,685 | I... 4.48 | 22.7 |
| South Central Division: | | | | | | | |
| Kentucky..... | June 30 | 1,834,000 | 45.8 | e330,986 | I..... 151 | I... .05 | 18.0 |
| Tennessee <i>b</i> | June 30 | 1,717,000 | 41.1 | f436,524 | I..... 26,117 | I... 6.36 | 25.4 |
| Alabama..... | Sept. 30 | 1,481,500 | 28.7 | 270,204 | I..... 2,915 | I... 1.09 | 18.2 |
| Mississippi..... | Sept. 30 | 1,269,000 | 27.4 | 319,711 | I..... 9,592 | I... 3.09 | 25.2 |
| Louisiana <i>d</i> | Dec. 31 | 1,079,000 | 23.8 | 125,573 | I..... 13,745 | I... 12.29 | 11.6 |
| Texas <i>b</i> | Aug. 31 | 2,158,000 | 8.2 | c440,467 | I..... 21,591 | I... 5.15 | 21.1 |
| Arkansas..... | June 30 | 1,083,000 | 20.5 | 216,152 | I..... 13,398 | I... 6.61 | 19.9 |
| North Central Division: | | | | | | | |
| Ohio..... | Aug. 31 | 3,617,000 | 88.7 | 777,162 | D..... 54 | D... .007 | 21.5 |
| Indiana..... | Nov. 15 | 2,167,000 | 60.3 | 523,147 | I..... 8,684 | I... 1.69 | 24.1 |
| Illinois..... | June 30 | 3,737,000 | 66.7 | 763,411 | I..... 12,062 | I... 1.61 | 20.4 |
| Michigan..... | Sept. 2 | 2,048,500 | 35.7 | 423,604 | D..... 1,614 | D... .38 | 20.7 |
| Wisconsin..... | June 30 | 1,659,000 | 30.5 | 344,942 | I..... 10,651 | I... 3.19 | 20.8 |
| Minnesota..... | July 31 | 1,261,000 | 15.9 | 273,814 | I..... 15,087 | I... 5.83 | 21.7 |
| Iowa..... | Sept. 16 | 1,875,000 | 33.8 | 489,229 | I..... 12,045 | I... 2.52 | 26.1 |
| Missouri..... | June 30 | 2,621,000 | 38.1 | 611,511 | I..... 991 | I... .16 | 23.3 |
| Dakota <i>b</i> | June 30 | 470,100 | 3.2 | 93,826 | I..... 4,076 | I... 4.54 | 20.0 |
| Nebraska..... | July 8 | 984,300 | 12.9 | 232,314 | I..... 16,455 | I... 7.62 | 23.6 |
| Kansas..... | June 30 | 1,464,914 | 17.9 | 405,454 | I..... 2,103 | I... .52 | 27.7 |
| Western Division: | | | | | | | |
| Montana <i>b</i> | Dec. 31 | 103,400 | .7 | 13,828 | I..... c728 | I... c5.56 | 13.4 |
| Wyoming <i>g</i> | Oct. — | 43,900 | .4 | 5,622 | I..... 634 | I... 12.71 | 12.8 |
| Colorado..... | June 30 | 370,300 | 3.6 | 59,313 | I..... 8,568 | I... 16.88 | 16.0 |
| New Mexico <i>d</i> | Dec. 31 | 140,500 | 1.1 | c16,484 | I..... 2,371 | I... 16.80 | 11.7 |
| Arizona <i>b</i> | June 30 | 55,200 | .5 | 6,617 | I..... 683 | I... 11.51 | 12.0 |
| Utah..... | June 30 | 199,200 | 2.4 | 34,221 | I..... 49 | I... .14 | 17.2 |
| Nevada <i>b</i> | Aug. 31 | 47,400 | .4 | 7,511 | D..... 133 | D... 1.74 | 15.9 |
| Idaho..... | Aug. 31 | 76,600 | .9 | 12,678 | I..... 2,245 | I... 21.52 | 16.5 |
| Washington..... | June 30 | 283,500 | 4.3 | 46,751 | I..... c7,969 | I... 24.77 | 16.3 |
| Oregon..... | Mar. — | 291,800 | 3.1 | 56,693 | I..... 4,058 | I... 7.71 | 19.2 |
| California..... | June 30 | 1,165,000 | 7.5 | 215,905 | I..... 8,855 | I... 4.28 | 18.5 |
| Alaska..... | May 31 | j40,000 | .1 | 1,040 | ..... | ..... | 2.6 |

a Number who have attended school two weeks or more.

b In 1837-88.

c Approximately.

d In 1888.

e Highest number in attendance; no report from Bell County.

f A few counties not reporting are estimated.

g In 1880-87.

h Average annual rate of increase since 1880.

i Average annual rate of increase since 1887.

j General agent's estimate.

Enrollment.—The latest returns of enrollment of pupils in the common schools foot up to 12,291,259, being an increase of 220,903 *over the corresponding returns of one year previous*. The increase in enrollment has been at the annual rate of 1.83 per cent. as against an increase of 2 per cent. per annum reported a year ago and as against an annual increase of 2.17 per cent. in the school population the present year.

The progressive decrease of public-school enrollment since 1870 in the Northern States has already been demonstrated in tables published by this office. It now appears that the movement is still going on. During the current year the school population in the North Atlantic Division increased 1.90 per cent., the enrollment only 0.44 per cent.; in the North Central Division the school population increased 1.73 per cent., the enrollment only 1.66 per cent. In every North Atlantic State in which a school census was taken the school population was found to have increased at a much greater rate than the school enrollment.

In four of the North Atlantic States and in two of the North Central States there has been an absolute decrease in the enrollment. The increase of enrollment in New York has only been 544, against an increase of school population of over 30,000.

The presentation of these facts affords still further confirmation of the relative decline of public-school attendance in the North, in addition to what has been already published.

In the South Atlantic States the increase of school population the past year was at the rate of 2.05 per cent., of enrollment at the rate of 0.21 per cent. per annum. Here the same decline is observable as at the North. Exceptional agencies were at work, however, to bring about the greater part of this decline in Georgia, and it is believed that it will be only temporary. A provision of the so-called Denny law, which was in operation in Georgia in 1888, required an additional enrollment of at least twenty-five pupils in order to establish a school after one had been provided for each race in each district; this had the effect to diminish the number of schools in the country districts; and on account of the unfavorable crops many farmers' children were obliged to work in the fields, which further tended to reduce the enrollment. The provision of the law of Georgia referred to has since been repealed.

The South Central Division shows an increase of enrollment of 4.26 per cent., which is much greater than the rate of increase of the school population, the latter being only 2.42 per cent.

As has been stated, the proportion of population enrolled, as given in column 8, is not comparable with the same quantities in previous reports. For the percentage of population enrolled in previous years, since 1870, see Chapter I.

TABLE 2.—Age for free attendance at the public schools; school census, mainly for 1889 compared with the preceding year.

| State or Territory. | Age for free attendance. | School census. | | | | |
|------------------------------|--------------------------|-------------------------------|--------------------|-----------|-----------------------|--------------------------------------------|
| | | Between what ages enumerated. | Number enumerated. | | Increase or decrease. | Per cent- age of in- crease or de- crease. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | | | | | <i>Per cent.</i> |
| United States..... | | | | | | I.....a2.17 |
| North Atlantic Division..... | | | | | | I.....a1.90 |
| South Atlantic Division..... | | | | | | I.....a2.05 |
| South Central Division..... | | | | | | I.....a2.42 |
| North Central Division..... | | | | | | I.....a1.73 |
| Western Division..... | | | | | | I.....a7.55 |
| North Atlantic Division: | | | | | | |
| Maine..... | 4-21 | 4-21 | 211,980 | 212,064 | I.....84 | I......04 |
| New Hampshire..... | 5-21 | 5-21 | (b) | (b) | | |
| Vermont..... | 5-20 | | (c) | (c) | | |
| Massachusetts..... | No limit. | 5-15 | d359,504 | e367,755 | I.....8,281 | I.....2.30 |
| Rhode Island..... | 5 upwards. | f 5-15 | 64,895 | 64,905 | I.....510 | I......79 |
| Connecticut..... | 4-16 | 4-16 | 154,932 | 157,243 | I.....2,311 | I.....1.49 |
| New York..... | 5-21 | 5-21 | 1,772,958 | 1,803,687 | I.....30,709 | I.....1.73 |
| New Jersey..... | 5-18 | 5-18 | d374,011 | e387,847 | I.....13,836 | I.....3.70 |
| Pennsylvania..... | 6-21 | | (c) | (c) | | |
| South Atlantic Division: | | | | | | |
| Delaware..... | 6-21 | 6-21 | g142,680 | i43,538 | I.....h858 | I.....h2.01 |
| Maryland..... | 6-21 | | (c) | (c) | | |
| District of Columbia..... | f 6-17 | f 6-17 | 51,500 | h52,590 | I.....h1,090 | I.....j2.12 |
| Virginia..... | 5-21 | 5-21 | h598,962 | g610,271 | I.....h11,309 | I.....i1.89 |
| West Virginia..... | 6-21 | 6-21 | 256,360 | 258,934 | I.....2,574 | I.....1.00 |
| North Carolina..... | 6-21 | 6-21 | d566,270 | e580,819 | I.....14,549 | I.....2.57 |
| South Carolina..... | 6-18 | | (c) | (c) | | |
| Georgia..... | 6-18 | 6-18 | 560,281 | h569,375 | I.....h9,094 | I.....i1.62 |
| Florida..... | 6-21 | 6-21 | 113,647 | h119,090 | I.....h5,443 | I.....h4.78 |
| South Central Division: | | | | | | |
| Kentucky..... | 6-20 | 6-20 | d656,897 | e664,967 | I.....8,070 | I.....1.23 |
| Tennessee..... | 6-21 | 6-21 | d640,014 | e652,508 | I.....12,494 | I.....1.95 |
| Alabama..... | 7-21 | 7-21 | h503,770 | 522,691 | I.....h18,921 | I.....m3.76 |
| Mississippi..... | 5-21 | 5-21 | | d463,964 | | |
| Louisiana..... | 6-18 | 6-18 | d335,603 | e336,137 | I.....534 | I......16 |
| Texas..... | 8-16 | 8-16 | 523,110 | 545,616 | I.....17,506 | I.....3.32 |
| Arkansas..... | 6-21 | 6-21 | 388,129 | 404,379 | I.....16,250 | I.....4.19 |
| North Central Division: | | | | | | |
| Ohio..... | 6-21 | 6-21 | 1,097,242 | 1,120,537 | I.....23,295 | I.....2.12 |
| Indiana..... | 6-21 | 6-21 | 756,989 | 770,875 | I.....13,886 | I.....1.83 |
| Illinois..... | 6-21 | 6-21 | 1,118,472 | 1,133,867 | I.....15,395 | I.....1.38 |
| Michigan..... | 5-20 | 5-20 | 623,923 | 640,069 | I.....10,146 | I.....1.61 |
| Wisconsin..... | 4-20 | 4-20 | 567,702 | 576,967 | I.....9,265 | I.....1.63 |
| Minnesota..... | 5-21 | | (c) | (c) | | |
| Iowa..... | 5-21 | 5-21 | 639,248 | 649,606 | I.....10,358 | I.....1.62 |
| Missouri..... | 6-20 | 6-20 | 852,430 | 865,304 | I.....12,934 | I.....1.52 |
| Dakota..... | 7-20 | 7-20 | d108,240 | e116,129 | I.....7,889 | I.....7.29 |
| Nebraska..... | 5-21 | 5-21 | 298,006 | 316,805 | I.....18,799 | I.....6.31 |
| Kansas..... | 5-21 | 5-21 | 532,010 | 524,206 | D.....7,804 | D.....1.47 |
| Western Division: | | | | | | |
| Montana..... | 4-21 | 4-21 | d23,165 | e27,600 | I.....4,435 | I.....19.14 |
| Wyoming..... | 6-21 | | (c) | (c) | | |
| Colorado..... | 6-21 | 6-21 | 76,212 | 85,824 | I.....9,612 | I.....12.61 |
| New Mexico..... | 5-20 | 5-20 | (b) | (b) | | |
| Arizona..... | 6-18 | 6-18 | h10,261 | d10,303 | I.....h42 | I.....h.41 |
| Utah..... | 6-18 | 6-18 | 54,953 | 58,482 | I.....3,529 | I.....6.42 |
| Nevada..... | 6-18 | 6-18 | 9,716 | 9,789 | I.....73 | I......75 |
| Idaho..... | 5-21 | 5-21 | d19,994 | e24,071 | I.....4,077 | I.....20.40 |
| Washington..... | 5-21 | 5-21 | h57,971 | 70,846 | I.....h12,875 | I.....m27.14 |
| Oregon..... | 4-20 | 4-20 | 86,574 | 93,098 | I.....6,524 | I.....7.53 |
| California..... | 6-21 | 5-17 | 270,500 | 275,302 | I.....4,802 | I.....1.77 |
| Alaska..... | | | (c) | (c) | | |

a Only the States tabulated in the same column below are included in this summary.

b School census imperfect.

c No school census.

d In 1887.

e In 1888.

f Inclusive.

g In 1885.

h Approximately.

i In 1886.

j Average annual rate of increase from 1880 to 1888.

k In 1884.

l Average annual rate of increase for five years.

m Average annual rate of increase from 1887 to 1889.

TABLE 3.—Average daily attendance in common schools, mainly for 1883-89, compared with same for the preceding year, with the enrollment and with the teaching force.

| State or Territory. | Average daily attendance. | | Increase or decrease. | Percentage of increase or decrease. | Average number of pupils daily attending for each 100 enrolled. | Average number of pupils to a teacher. |
|------------------------------|---------------------------|-----------|-----------------------|-------------------------------------|-----------------------------------------------------------------|----------------------------------------|
| | 1887-88. | 1888-89. | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| United States <i>a</i> | 7,904,207 | 8,004,275 | I...100,068 | <i>Per cent.</i> I.....1.27 | 65.1 | 626.0 |
| North Atlantic Division..... | 2,006,748 | 2,035,251 | I... 28,503 | I.....1.42 | 67.2 | 629.4 |
| South Atlantic Division..... | 1,072,985 | 1,090,188 | I... 17,203 | I.....1.60 | 63.7 | ..... |
| South Central Division..... | 1,404,219 | 1,468,794 | I... 64,575 | I.....4.60 | 68.6 | 628.1 |
| North Central Division..... | 3,140,011 | 3,099,845 | D... 40,166 | D.....1.28 | 62.8 | 623.1 |
| Western Division..... | 280,244 | 310,197 | I... 29,953 | I.....10.63 | 65.2 | 627.8 |
| North Atlantic Division: | | | | | | |
| Maine..... | 100,121 | 98,641 | D... 1,480 | D.....1.47 | 69.0 | ..... |
| New Hampshire..... | 44,877 | 43,484 | D... 1,393 | D.....3.10 | 72.3 | ..... |
| Vermont..... | 645,705 | 646,061 | I... 356 | I......78 | 667.3 | ..... |
| Massachusetts..... | 264,723 | 270,851 | I... 6,128 | I.....2.32 | 74.6 | 30.9 |
| Rhode Island..... | 33,583 | 33,803 | I... 220 | I......66 | 65.1 | 29.9 |
| Connecticut..... | 81,098 | 82,382 | I... 1,284 | I.....1.58 | 64.8 | 28.6 |
| New York..... | 630,595 | 637,487 | I... 6,892 | I.....1.09 | 61.7 | 27.2 |
| New Jersey..... | 6131,867 | 6135,187 | I... 3,320 | I.....2.52 | 660.3 | ..... |
| Pennsylvania..... | 674,179 | 687,355 | I...13,176 | I.....1.95 | 72.0 | 31.4 |
| South Atlantic Division: | | | | | | |
| Delaware..... | 621,565 | 621,271 | D... 294 | D...-1.36 | 665.3 | ..... |
| Maryland..... | 94,976 | 99,220 | I... 4,244 | I.....4.47 | 55.3 | ..... |
| District of Columbia..... | 26,512 | 27,619 | I... 1,107 | I.....4.18 | 77.2 | ..... |
| Virginia..... | 189,416 | 195,525 | I... 6,109 | I.....3.22 | 58.0 | ..... |
| West Virginia..... | 122,020 | 119,990 | D... 2,030 | D...-1.66 | 64.0 | ..... |
| North Carolina..... | 6196,119 | 6208,657 | I...12,538 | I.....6.39 | 661.8 | ..... |
| South Carolina..... | 139,557 | 136,358 | D... 3,199 | D...-2.29 | 70.2 | ..... |
| Georgia..... | 6226,290 | 6217,896 | D... 8,394 | D...-3.71 | 667.9 | ..... |
| Florida..... | 56,530 | 63,652 | I... 7,122 | I.....12.60 | 74.0 | ..... |
| South Central Division: | | | | | | |
| Kentucky <i>b</i> | 221,049 | 222,554 | I... 1,505 | I......68 | 67.2 | ..... |
| Tennessee <i>i</i> | 6292,029 | 6308,969 | I...16,940 | I.....5.80 | 670.8 | ..... |
| Alabama..... | 170,896 | 172,101 | I... 1,205 | I......71 | 63.7 | ..... |
| Mississippi..... | 184,018 | 193,119 | I... 9,101 | I.....4.95 | 60.4 | 28.1 |
| Louisiana..... | 680,107 | 690,551 | I...10,444 | I...13.04 | 672.1 | ..... |
| Texas <i>c</i> | 6323,320 | 6340,000 | I...16,680 | I.....5.15 | 677.2 | ..... |
| Arkansas <i>e</i> | 132,800 | 141,500 | I... 8,700 | I.....6.55 | 65.5 | ..... |
| North Central Division: | | | | | | |
| Ohio..... | 529,719 | 530,492 | I... 773 | I......15 | 68.3 | 27.6 |
| Indiana..... | 408,775 | 350,752 | D...-58,023 | D...-14.19 | 67.0 | ..... |
| Illinois..... | 518,043 | 500,736 | D...17,307 | D...-3.34 | 65.6 | ..... |
| Michigan <i>e</i> | 280,930 | 279,900 | D... 1,030 | D...-.38 | 66.1 | 26.3 |
| Wisconsin..... | 6181,100 | 186,891 | I...-5,791 | I...-63.19 | 54.2 | 21.7 |
| Minnesota..... | 126,468 | 111,641 | D...-14,827 | D...-11.72 | 40.8 | ..... |
| Iowa..... | 291,070 | 304,856 | I...13,876 | I... 4.74 | 62.3 | 19.5 |
| Missouri..... | 377,502 | 376,977 | D... 525 | D...-.14 | 61.6 | ..... |
| Dakota..... | 6650,900 | 653,211 | I...-2,311 | I...-4.54 | 656.7 | 612.0 |
| Nebraska..... | 129,623 | 159,692 | I...30,069 | I...23.19 | 68.7 | 22.8 |
| Kansas..... | 245,881 | 244,697 | D... 1,184 | D...-.48 | 60.4 | 23.1 |
| Western Division: | | | | | | |
| Montana <i>e</i> | 68,200 | 68,600 | I... 400 | I.....4.88 | 662.2 | ..... |
| Wyoming <i>e</i> | 63,300 | 63,750 | I... 450 | I......72 | 666.7 | ..... |
| Colorado..... | 31,516 | 35,567 | I... 4,051 | I...12.86 | 60.0 | ..... |
| New Mexico <i>e</i> | 610,370 | 612,300 | I... 1,930 | I...18.60 | 674.6 | ..... |
| Arizona..... | 663,452 | 63,849 | I...-5,977 | I...-11.51 | 658.2 | ..... |
| Utah..... | 18,375 | 619,750 | I...-1,375 | I...-7.49 | 57.7 | ..... |
| Nevada..... | 65,316 | 65,149 | D... 167 | D...-.34 | 668.5 | ..... |
| Idaho <i>e</i> | 6,780 | 8,240 | I... 1,460 | I...21.54 | 65.0 | ..... |
| Washington..... | 625,235 | 29,247 | I...-4,012 | I...-18.34 | 62.6 | ..... |
| Oregon..... | 35,473 | 40,012 | I... 4,539 | I...12.80 | 70.6 | ..... |
| California..... | 132,227 | 143,733 | I...11,506 | I... 8.70 | 66.6 | 27.8 |
| Alaska <i>e</i> | | 400 | | | 38.5 | ..... |

a Excluding Alaska.*b* This summary embraces only the States tabulated in the same column below.*c* In 1886-87.*d* In 1887-88.*e* Approximately.*f* In 1887.*g* In 1888.*h* Bell County not reporting.*i* A few counties not reporting are estimated.*j* In 1885-86.*k* Average annual rate of increase since 1880.*l* Average annual rate of increase since 1887.

Average daily attendance.—The average number of pupils attending the common schools, according to the returns made to the Bureau, was 8,004,275, there being a total gain of 100,068 over the corresponding reports of a year previous, or at the annual rate of 1.27 per cent. This rate of increase was less than that of the enrollment, 1.83 per cent., which indicates a decreased regularity of attendance.

In fact, the average number of pupils attending for each 100 enrolled was reported last year as 65.7; this year, 65.1.

The number of States showing a decrease of average attendance is remarkable. Six States of the North Central Division—Indiana, Illinois, Michigan, Minnesota, Missouri, and Kansas—report a decrease in average attendance simultaneously with an increase of enrollment. In the States of that division there was a net decrease in average attendance of 40,166; and the average number attending for each 100 enrolled fell from 65 to 62.8; the enrollment itself increased 80,486.

This condition of affairs, especially in Indiana, is anomalous and naturally suggests imperfections in the statistics as reported, especially as all the remaining divisions show an increased ratio of average attendance over the preceding year. Yet the circumstance that so many of the North Central States are affected and participate in this abnormal decline, points to some agency tending to diminish school attendance in that section of the Union not yet brought to the notice of the Bureau.

TABLE 4.—*Total attendance in days upon common schools, mainly for 1888-89, compared with the enrollment; average length of public-school year in days, mainly for 1888-89, compared with same for preceding year.*

| State or Territory. | Aggregate number of days' attendance. ^a | Average number of days' attendance of each pupil enrolled. | Average number of days the public schools were kept. | Increase or decrease since preceding year. |
|-----------------------------------|----------------------------------------------------|------------------------------------------------------------|------------------------------------------------------|--------------------------------------------|
| 1 | 2 | 3 | 4 | 5 |
| United States ^b | 1, 076, 613, 716 | Days. 87.6 | Days. 131.5 | Days. I.....c.9 |
| North Atlantic Division..... | 334,352,532 | 110.5 | 164.2 | D.... .2 |
| South Atlantic Division..... | 109,378,042 | 63.9 | 100.3 | I.... c.6 |
| South Central Division..... | 133,107,785 | 62.2 | 90.6 | I.... c.6 |
| North Central Division..... | 456,659,757 | 92.5 | 147.3 | I.... 1.2 |
| Western Division..... | 43,115,600 | 90.7 | 139.0 | I.... c.7.6 |
| North Atlantic Division: | | | | |
| Maine..... | 10,998,471 | 76.9 | 111.5 | D.... .5 |
| New Hampshire..... | 5,111,490 | 85.0 | 113.9 | D.... .6 |
| Vermont ^d | 6,310,409 | 92.2 | 137 | D.... 2 |
| Massachusetts..... | 46,315,521 | 127.5 | 171 | I.... 2 |
| Rhode Island..... | 6,525,740 | 125.7 | 189 | D.... 2 |
| Connecticut..... | 14,855,122 | 116.9 | 180.32 | I.... 1.24 |
| New York..... | 115,314,096 | 111.6 | 178 | D.... 2 |
| New Jersey ^d | 25,955,904 | 115.7 | 192 | I.... 2 |
| Pennsylvania..... | 102,965,779 | 107.9 | 149.8 | I.... .2 |
| South Atlantic Division: | | | | |
| Delaware ^d | 3,470,657 | 106.6 | 161 | I....e1.5 |
| Maryland..... | 18,454,920 | 102.8 | 186 | I.... 2 |
| District of Columbia..... | 4,886,012 | 139.4 | 181 | D.... 2 |
| Virginia..... | 23,267,475 | 69.1 | 119 | D.... 0 |
| West Virginia..... | 12,238,980 | 65.3 | d102 | D.... 5 |
| North Carolina ^d | 13,228,854 | 39.2 | 63.4 | I.... 3.4 |
| South Carolina..... | 9,272,344 | 47.7 | 68 | D.... 4 |
| Georgia ^f | 14,911,000 | 46.4 | c68.4 | I.... |
| Florida..... | 9,547,800 | 111.0 | 150 | I.... 10.7 |
| South Central Division: | | | | |
| Kentucky..... | 20,920,076 | 63.2 | 74 | 0 |
| Tennessee ^d | 24,408,551 | 55.9 | 99 | I.... 2 |
| Alabama..... | 13,036,651 | 48.3 | 75.75 | D.... 3.75 |
| Mississippi..... | 17,628,764 | 55.2 | 991 | I.... 7 |
| Louisiana ^f | 8,421,243 | 67.1 | 93 | I.... 3.6 |
| Texas..... | d38,080,000 | d86.3 | 112 | D.... 4.2 |
| Arkansas ^h | 10,612,500 | 49.1 | 75 | I.... |

^a When not reported the aggregate attendance in days has been obtained by multiplying the average daily attendance by the average number of days the schools were kept.

^b Excluding Alaska.

^c This summary does not include the States not tabulated in the same column below.

^d In 1887-88.

^e Estimated.

^f In 1888.

^g Country schools only.

^h Approximately.

TABLE 4.—Total attendance in days upon common schools, etc.—Continued.

| State or Territory. | Aggregate number of days' attendance. <i>a</i> | Average number of days' attendance of each pupil enrolled. | Average number of days the public schools were kept. | Increase or decrease since preceding year. |
|---------------------------------|------------------------------------------------|------------------------------------------------------------|------------------------------------------------------|--------------------------------------------|
| 1 | 2 | 3 | 4 | 5 |
| North Central Division : | | | | |
| Ohio..... | 87,531,180 | 112.6 | 165 | I.... 6 |
| Indiana..... | 45,299,264 | 88.5 | 132 | D... 1 |
| Illinois..... | 80,041,817 | 104.9 | 143 | D... 5.3 |
| Michigan..... | a42,544,800 | 100.4 | 152 | 0 |
| Wisconsin..... | 30,795,046 | 89.3 | 162.4 | I.... 2.4 |
| Minnesota..... | 14,066,765 | 51.4 | 126 | I.... 4 |
| Iowa..... | 46,947,824 | 96.0 | 154 | 0 |
| Missouri..... | 53,266,590 | 87.1 | 141.3 | I....19.4 |
| Dakota b..... | 5,640,366 | 60.1 | 106 | D... 3 |
| Nebraska..... | 18,204,888 | 78.4 | 114 | D...23 |
| Kansas..... | 31,321,216 | 77.2 | 128 | I.... 4 |
| Western Division : | | | | |
| Montana b..... | 1,092,200 | 79.0 | 127 | I....12 |
| Wyoming..... | e446,250 | | d119 | |
| Colorado..... | 6,046,390 | 101.9 | 170 | |
| New Mexico <i>e f</i> | 703,560 | 42.7 | 57.2 | 0 |
| Arizona b..... | 519,615 | 78.5 | 135 | I....15 |
| Utah..... | e2,666,250 | 77.9 | 135 | I.... 9.75 |
| Nevada b..... | 875,330 | 116.5 | 170 | I....24.6 |
| Idaho..... | 659,200 | 52.0 | c80 | |
| Washington..... | 2,690,724 | 57.6 | 92 | I....g1 |
| Oregon..... | 4,361,303 | 76.9 | 6109 | I.... 9.8 |
| California..... | 23,054,773 | 106.7 | 160.4 | I.... 8.2 |
| Alaska..... | e72,000 | e69.2 | 180 | |

a Approximately.*b* In 1887-88.*c* In 1888-87.*d* In 1880.*e* Estimated.*f* In 1888.*g* Average increase for two years.

Aggregate number of days' attendance.—This is a fundamental quantity of great value for statistical purposes, which needs to be more generally considered.

The data for directly obtaining it may be found on most school registers. It is only necessary to add up the number of pupils present each day to get the aggregate days' attendance for the year for any school.

The aggregate number of days' attendance of a school for a year divided by the number of days the school was kept during the year, gives immediately the average daily attendance of that school for the year.

Here are two radical quantities of prime importance determined for each school, (1) aggregate attendance in days, and (2) average daily attendance of pupils, which may be consolidated for any number of schools by simply adding up. The city and country schools may be kept distinct, as well as the white and colored schools. When they have been consolidated for a township, for instance, the average number of days the schools have been kept in the townships may be directly obtained by dividing one of these quantities by the other. So for a county or State, and in any classification desired.

How the aggregate attendance was obtained.—The aggregate number of days' attendance, as tabulated in column 2 of Table 5, has been obtained for each State, when not reported directly to the Bureau, by an inverse process, *i. e.*, by multiplying the average daily attendance by the average number of days the schools were kept; this process of evolving a simple quantity from composite ones is obviously the reverse of the natural order, but was the only method that could be pursued in order to obtain it.

The aggregate number of days' attendance upon the common schools of the United States, as obtained by this process of computation, is found to be 1,076,613,716, as given in column 2. This quantity is approximate, but may be considered sufficiently accurate for most purposes.

How the length of the school term was summarized.—The summaries of column 4, Table 5, being the average number of days the schools were kept in the United States and in each of its divisions, have been obtained by the rule given above, *i. e.*, the aggregate days' attendance of the division in question or of the United States has been divided by its average daily attendance.

This method, in effect, gives to each State or other aggregation a weight proportionate to its average number of pupils and not proportionate to its number of schools. The pupil is considered as the unit and not the school, as heretofore. Accordingly the large city schools with their long terms have their due influence in determining the average

school term; one of these schools may count as much as a score of country schools, as should be the case when it is so many times as large. The general effect has been to give the summaries of the average number of days the schools were kept in the present report larger values than previously. Such decidedly urban systems as those of Rhode Island, Connecticut, New Jersey, and the District of Columbia, especially, receive their due weight in making up the average.

There have been some considerable changes in the length of the school term of the individual States, in two cases exceeding twenty days, if correctly reported, and in four others between ten and twenty. The average change for the United States has been an increase of nine-tenths of a day.

TABLE 5.—*Private school enrollment, mainly for 1888-89, compared with the preceding year; also, total enrollment in all schools, public and private, compared with the preceding year, with the private school enrollment, and with the population 6 to 14.*

| State or Territory. | Estimated private school enrollment. | Increase or decrease since preceding year. | Percentage of increase or decrease. | Total enrollment in all schools, public and private. | Increase or decrease since preceding year. | Percentage of increase or decrease. | Ratio of private school enrollment to total enrollment, public and private. |
|---------------------------|--------------------------------------|--------------------------------------------|-------------------------------------|------------------------------------------------------|--------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | <i>Per cent.</i> | | | <i>Per cent.</i> | <i>Per cent.</i> |
| United States..... | 1,122,000 | ..... | I... a7.10 | 13,413,259 | ..... | I... a2.07 | 8.4 |
| North Atlantic Division | b432,000 | ..... | I... a9.86 | 3,458,460 | ..... | I... a1.21 | a12.5 |
| South Atlantic Division | b98,000 | ..... | I... a56.82 | 1,809,082 | ..... | I... a4.73 | a5.4 |
| South Central Division | b103,000 | ..... | I... a1.15 | 2,242,617 | ..... | I... a1.15 | a4.6 |
| North Central Division | b453,000 | ..... | I... a4.08 | 5,391,474 | ..... | I... a8.01 | a8.4 |
| Western Division..... | b36,000 | ..... | I... a4.08 | 511,626 | ..... | I... a8.01 | a7.1 |
| North Atlantic Division: | | | | | | | |
| Maine..... | | | | | | | |
| New Hampshire... | 7,514 | D.... 138 | D.... 1.30 | 67,633 | D... 1,840 | D. 2.65 | 11.1 |
| Vermont..... | 6,972 | D.... 534 | D.... 7.11 | 75,425 | D... 3,483 | D. 4.42 | 9.2 |
| Massachusetts... | 37,620 | I.... 7,530 | I.... 25.03 | 400,786 | I.... 12,696 | I... 3.27 | 9.4 |
| Rhode Island..... | 7,974 | D.... 912 | D.... 10.26 | 59,869 | D... 1,739 | D. 2.82 | 13.3 |
| Connecticut..... | 18,269 | I.... 1,000 | I.... 6.34 | 145,358 | I... 2,124 | I... 1.48 | 12.6 |
| New York..... | 151,336 | I.... 9,096 | I.... 6.39 | 1,185,149 | I... 9,640 | I... .82 | 12.8 |
| New Jersey..... | 46,475 | I.... 3,645 | I.... 22.85 | 270,873 | I... 8,936 | I... 3.41 | 17.2 |
| Pennsylvania..... | | | | | | | |
| South Atlantic Division: | | | | | | | |
| Delaware..... | 740 | ..... | ..... | 33,292 | ..... | ..... | 2.2 |
| Maryland..... | | | | | | | |
| District of Columbia..... | 3,119 | ..... | ..... | 37,969 | ..... | ..... | 8.2 |
| Virginia..... | | | | | | | |
| West Virginia..... | | | | | | | |
| North Carolina..... | | | | | | | |
| South Carolina..... | | | | | | | |
| Georgia..... | | | | | | | |
| Florida..... | | | | | | | |
| South Central Division: | | | | | | | |
| Kentucky..... | | | | | | | |
| Tennessee..... | | | | | | | |
| Alabama..... | | | | | | | |
| Mississippi..... | 15,243 | I.... 5,524 | I.... 56.82 | 334,954 | I.... 15,116 | I... 4.73 | 4.6 |
| Louisiana..... | | | | | | | |
| Texas..... | | | | | | | |
| Arkansas..... | | | | | | | |
| North Central Division: | | | | | | | |
| Ohio..... | | | | | | | |
| Indiana..... | | | | | | | |

a These summaries embrace only the States tabulated in the same columns below.

b Estimate for the whole division on the basis of the States reporting.

c In 1887-88.

TABLE 5.—*Private school enrollment, mainly for 1888-89, etc.*—Continued.

| State or Territory. | Estimated private school enrollment. | Increase or decrease since preceding year. | Percentage of increase or decrease. | Total enrollment in all schools, public and private. | Increase or decrease since preceding year. | Percentage of increase or decrease. | Ratio of private school enrollment to total enrollment, public and private. |
|-----------------------------------|--------------------------------------|--------------------------------------------|-------------------------------------|------------------------------------------------------|--------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| North Central Division—Continued. | | | <i>Per cent.</i> | | | <i>Per cent.</i> | <i>Per cent.</i> |
| Illinois..... | 93,189 | D....2,276 | D.... 2.27 | 861,600 | I.... 9,786 | I... 1.15 | 11.4 |
| Michigan..... | 34,164 | I....3,091 | I.... 9.95 | 457,768 | I.... 1,477 | I... .32 | 7.5 |
| Wisconsin..... | 60,000 | | | 404,942 | | | 14.8 |
| Minnesota..... | | | | | | | |
| Iowa..... | | | | | | | |
| Missouri..... | 11,271 | | | 622,812 | | | 1.8 |
| Dakota ^a | 1,500 | I.... 710 | I....89.87 | 95,326 | I.... 4,786 | I... 5.29 | 1.6 |
| Nebraska..... | | | | | | | |
| Kansas..... | | | | | | | |
| Western Division: | | | | | | | |
| Montana ^a | 698 | I.... 241 | I....52.74 | 14,526 | I... 969 | I.. 7.15 | 4.8 |
| Wyoming..... | | | | | | | |
| Colorado..... | 757 | D.... 90 | D....10.62 | 60,070 | I.... 8,478 | I...16.44 | 1.3 |
| New Mexico..... | | | | | | | |
| Arizona ^a | 300 | | | 6,917 | | | 4.3 |
| Utah..... | | | | | | | |
| Nevada..... | | | | | | | |
| Idaho..... | | | | | | | |
| Washington..... | 2,509 | I.... 6241 | I... c10.63 | 49,260 | I... 88,210 | I c20.00 | 5.1 |
| Oregon..... | 5,131 | I.... 513 | I... 11.11 | 61,827 | I.... 4,571 | I... 7.98 | 8.3 |
| California..... | 21,046 | I.... 278 | I.... 1.34 | 236,951 | I.... 9,133 | I... 4.01 | 8.9 |
| Alaska..... | 500 | | | 1,510 | | | 32.5 |

^a In 1887-88.^b Estimated.^c Average annual rate of increase since 1887.

Private schools.—Statistics of private schools continue of the same meager and unsatisfactory character as heretofore. The following results are deduced from the data reported to the Bureau:

Sixteen States and Territories show an increase of private-school enrollment of 7.10 per cent., the public-school enrollment of the same increased 1.44 per cent., the whole enrollment, public and private, increasing 2.07 per cent.

These results tend in the same direction as those of preceding years, and give additional confirmation to the statement heretofore made that the private schools are growing at a greater rate than the public.

Individual States, such as Vermont, Rhode Island, Illinois, Colorado, Washington, and California, show an opposite tendency the present year, the public enrollment in those States growing faster than the private.

The statistics of private schools are of such varying degrees of accuracy from year to year, however, that conclusions derived from isolated data are open to suspicion, especially if they indicate any retrogression in the Northern States, which should rather be attributed to incomplete returns.

Out of every 1,000 pupils in schools of all kinds, in 21 States and Territories, 97 were private-school pupils, a little less than 1 in 10. The report last year, embracing nearly the same States, was 94 per 1,000. The estimate for the whole of the United States is 84 per 1,000, as shown in Column 8,

TABLE 6.—Number of schoolhouses, mainly for 1888-89, compared with same for the preceding year, with the territorial area, with the total population, and with the population 6 to 14.

| State or Territory. | Number of school-houses. | | Increase or decrease. | Number built during the year. |
|------------------------------|--------------------------|----------|-----------------------|-------------------------------|
| | 1887-88. | 1888-89. | | |
| 1 | 2 | 3 | 4 | 5 |
| United States <i>a</i> | | 216,330 | | |
| North Atlantic Division..... | | 46,326 | I.....891 | |
| South Atlantic Division..... | | 31,126 | | |
| South Central Division..... | | 34,541 | | |
| North Central Division..... | | 95,584 | | |
| Western Division..... | | 8,753 | | |
| North Atlantic Division: | | | | |
| Maine..... | 4,337 | 4,364 | I.....27 | 75 |
| New Hampshire..... | 2,131 | 1,993 | D.....138 | 43 |
| Vermont <i>b</i> | c2,547 | d2,547 | I.....0 | |
| Massachusetts <i>b</i> | 6,918 | 7,023 | I.....105 | |
| Rhode Island..... | 469 | 474 | I.....5 | 10 |
| Connecticut..... | 1,660 | 1,645 | D.....15 | 12 |
| New York..... | 11,965 | 11,965 | I.....20 | |
| New Jersey..... | c1,610 | d1,615 | I.....5 | |
| Pennsylvania..... | 13,798 | 14,680 | I.....882 | |
| South Atlantic Division: | | | | |
| Delaware <i>d</i> | | 445 | | |
| Maryland <i>b</i> | 2,159 | 2,200 | I.....41 | |
| District of Columbia..... | 90 | 94 | I.....4 | |
| Virginia..... | 6,205 | 6,341 | I.....136 | 322 |
| West Virginia..... | 4,687 | 4,729 | I.....42 | 206 |
| North Carolina..... | c5,660 | d5,543 | D.....117 | |
| South Carolina..... | | 2,962 | | 103 |
| Georgia <i>b</i> | e7,796 | f6,563 | D.....1,233 | |
| Florida..... | | b d2,249 | | |
| South Central Division: | | | | |
| Kentucky..... | 7,133 | 7,302 | I.....169 | 406 |
| Tennessee..... | c6,011 | d6,130 | I.....119 | 308 |
| Alabama <i>b</i> | 5,792 | 6,177 | I.....385 | |
| Mississippi..... | 5,443 | 5,777 | I.....334 | g 513 |
| Louisiana <i>b</i> | e1,985 | f2,109 | I.....124 | |
| Texas <i>h</i> | | 4,511 | | 354 |
| Arkansas <i>h</i> | 2,452 | 2,535 | I.....83 | 289 |
| North Central Division: | | | | |
| Ohio..... | 12,715 | 12,712 | D.....3 | 396 |
| Indiana..... | 9,882 | 9,928 | I.....46 | 300 |
| Illinois..... | 12,203 | 12,221 | I.....13 | 211 |
| Michigan..... | 7,428 | 7,493 | I.....65 | |
| Wisconsin..... | 6,294 | 6,343 | I.....49 | 243 |
| Minnesota..... | | 5,652 | | 292 |
| Iowa..... | 12,752 | 12,879 | I.....127 | 127 |
| Missouri <i>b</i> | 9,819 | 9,687 | D.....132 | |
| Dakota..... | c3,864 | d4,102 | I.....238 | d 296 |
| Nebraska..... | 5,187 | 5,748 | I.....561 | 487 |
| Kansas..... | 8,196 | 8,819 | I.....623 | 620 |
| Western Division: | | | | |
| Montana..... | c266 | d305 | I.....39 | 39 |
| Wyoming..... | i111 | c124 | I.....13 | |
| Colorado..... | 820 | 1,474 | I.....654 | 600 |
| New Mexico..... | | j400 | | |
| Arizona <i>d</i> | | 151 | | |
| Utah <i>b</i> | | 382 | | |
| Nevada..... | c134 | d138 | I.....4 | |
| Idaho..... | 254 | 294 | I.....40 | |
| Washington..... | | 1,044 | | 126 |
| Oregon..... | 1,384 | 1,444 | I.....60 | 95 |
| California..... | | 2,997 | | 218 |
| Alaska..... | k16 | | | 1 |

a Excluding Alaska.*b* Number of schools.*c* In 1886-87.*d* In 1887-88.*e* In 1887.*f* In 1888.*g* Including ten buildings in towns and cities, costing from \$10,000 to \$30,000 each.*h* Report not complete.*i* In 1885-86.*j* Estimated.*k* White 2, native 14.

TABLE 7.—Number of sittings in public schoolhouses, mainly for 1888-89, compared with same for preceding year, with the population 6 to 14, with the enrollment, with the average attendance, and with the number of schoolhouses.

| State or Territory. | Number of sittings in public schoolhouses. | Increase or decrease since preceding year. | Average number of sittings to— | | |
|--------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------|--------------------------------|-----------------------|
| | | | Each 100 pupils enrolled. | Each 100 of average attendance | Each school building. |
| 1 | 2 | 3 | 4 | 5 | 6 |
| United States a..... | | | 112 | 182 | 61 |
| North Atlantic Division a..... | | | 104 | 162 | 70 |
| South Atlantic Division a..... | | | 98 | 162 | 58 |
| South Central Division a..... | | | | | |
| North Central Division a..... | | | 119 | 195 | 60 |
| Western Division a..... | | | 104 | 173 | 42 |
| North Atlantic Division: | | | | | |
| Maine b..... | 175,000 | | 122 | 177 | 40 |
| New Hampshire..... | | | | | |
| Vermont..... | | | | | |
| Massachusetts..... | | | | | |
| Rhode Island..... | 51,749 | I.... 487 | 100 | 153 | 109 |
| Connecticut..... | 130,867 | I.... 1,687 | 103 | 159 | 80 |
| New York..... | | | | | |
| New Jersey c..... | 209,542 | I.... 3,707 | 93 | 155 | 130 |
| Pennsylvania..... | | | | | |
| South Atlantic Division: | | | | | |
| Delaware c..... | 28,401 | | 87 | 134 | 64 |
| Maryland..... | | | | | |
| District of Columbia..... | 31,764 | I.... 1,114 | 89 | 115 | 338 |
| Virginia..... | 336,511 | | 100 | 172 | 53 |
| West Virginia..... | | | | | |
| North Carolina..... | | | | | |
| South Carolina..... | | | | | |
| Georgia..... | | | | | |
| Florida..... | | | | | |
| South Central Division: | | | | | |
| Kentucky..... | | | | | |
| Tennessee..... | | | | | |
| Alabama..... | | | | | |
| Mississippi..... | | | | | |
| Louisiana..... | | | | | |
| Texas..... | | | | | |
| Arkansas..... | | | | | |
| North Central Division: | | | | | |
| Ohio..... | | | | | |
| Indiana..... | | | | | |
| Illinois..... | | | | | |
| Michigan..... | 543,707 | I.... 7,759 | 128 | 194 | 73 |
| Wisconsin..... | 395,098 | D... 17,107 | 115 | 211 | 62 |
| Minnesota..... | | | | | |
| Iowa..... | | | | | |
| Missouri..... | 672,284 | I.... 23,022 | 110 | 178 | |
| Dakota c..... | 140,466 | I.... 20,210 | 150 | 264 | 34 |
| Nebraska..... | | | | | |
| Kansas..... | | | | | |
| Western Division: | | | | | |
| Montana..... | | | | | |
| Wyoming..... | | | | | |
| Colorado..... | 61,464 | I.... 8,797 | 104 | 173 | 42 |
| New Mexico..... | | | | | |
| Arizona..... | | | | | |
| Utah..... | | | | | |
| Nevada..... | | | | | |
| Idaho..... | | | | | |
| Washington..... | | | | | |
| Oregon..... | | | | | |
| California..... | | | | | |
| Alaska..... | | | | | |

a These summaries embrace only the States tabulated in the same columns below.

b Estimated.

c In 1887-88.

TABLE 8.—*Estimated real value of all public school property.*

| State or Territory. | Estimated real value of all pub- lic school property. | Increase or decrease since preceding year. | Percentage of increase or decrease. | Value of school property, per capita of— | | Value for each \$100 of assessed valuation. |
|----------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------|---------------------------------------------------------|
| | | | | Total popula- tion. | Average attend- ance. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| United States <i>a</i> | \$323,573,532 | I...\$23,965,822 | I..... 8.00 | \$5.31 | \$40.42 | \$1.36 |
| North Atlantic Division <i>a</i> | 125,387,728 | I.... 5,637,723 | I..... 4.73 | 7.37 | 61.62 | 1.24 |
| South Atlantic Division <i>a</i> | 14,203,800 | I.... 1,763,800 | I.....14.17 | 1.64 | 13.04 | .72 |
| South Central Division <i>a</i> | 12,174,813 | I.... 1,052,313 | I..... 9.45 | 1.15 | 8.29 | .53 |
| North Central Division <i>a</i> | 149,935,493 | I....11,670,288 | I..... 8.44 | 6.84 | 48.36 | 1.97 |
| Western Division <i>a</i> | 21,866,693 | I.... 3,841,693 | I....21.29 | 7.86 | 70.48 | 1.21 |
| North Atlantic Division: | | | <i>Per cent.</i> | | | |
| Maine | 3,481,835 | I.... 153,092 | I..... 4.60 | 5.23 | 35.30 | ..... |
| New Hampshire | 2,390,606 | I.... 79,269 | I..... 3.45 | 6.33 | 54.75 | .92 |
| Vermont | | | | | | |
| Massachusetts | | | | | | |
| Rhode Island | 2,744,408 | I.... 206,813 | I..... 8.15 | 8.15 | 81.18 | ..... |
| Connecticut | 6,275,177 | I.... 211,908 | I..... 3.49 | 8.57 | 76.18 | 1.73 |
| New York | 39,354,358 | I.... 1,936,003 | I..... 5.17 | 6.69 | 61.74 | 1.10 |
| New Jersey <i>b</i> | 7,837,706 | I.... 351,500 | I..... 4.69 | 5.70 | 57.97 | 1.30 |
| Pennsylvania | 632,958,638 | | | 6.41 | 47.95 | 1.23 |
| South Atlantic Division: | | | | | | |
| Delaware <i>b</i> | 716,232 | D.... e 8,768 | D.... e1.21 | 4.38 | 33.68 | ..... |
| Maryland | | | | | | |
| District of Columbia <i>b</i> | 1,761,000 | | | 8.07 | 66.43 | 1.38 |
| Virginia | 2,208,115 | I.... 90,512 | I..... 4.28 | 1.45 | 11.29 | .64 |
| West Virginia | 2,330,718 | I.... 286,262 | I....14.00 | 3.13 | 19.42 | 61.25 |
| North Carolina <i>b</i> | 735,811 | I.... 71,155 | I....10.71 | .47 | 3.53 | .36 |
| South Carolina | d 373,351 | | | .33 | 2.74 | .26 |
| Georgia | | | | | | |
| Florida | 861,373 | I.... 411,373 | I....91.42 | 2.27 | 13.53 | .96 |
| South Central Division: | | | | | | |
| Kentucky | 3,543,661 | I.... 290,914 | I..... 8.95 | 1.93 | 15.92 | .71 |
| Tennessee <i>b</i> | 2,216,375 | I.... 190,523 | I..... 9.40 | 1.29 | 7.17 | .75 |
| Alabama | | | | | | |
| Mississippi | 1,125,000 | I.... 125,000 | I....12.50 | .89 | 5.83 | .72 |
| Louisiana | | | | | | |
| Texas <i>c</i> | 3,000,000 | | | 1.39 | 8.82 | .41 |
| Arkansas | 839,777 | I.... 60,710 | I..... 7.80 | .77 | 6.32 | .54 |
| North Central Division: | | | | | | |
| Ohio | 31,381,033 | I.... 1,093,136 | I..... 3.61 | 8.68 | 59.14 | 1.79 |
| Indiana | 15,000,000 | I.... 248,185 | I..... 1.63 | 6.92 | 42.77 | 1.80 |
| Illinois | 25,913,445 | I.... 972,707 | I..... 3.90 | 6.93 | 51.75 | 3.27 |
| Michigan | 13,386,637 | I.... 529,534 | I.... 4.12 | 6.53 | 47.83 | 1.30 |
| Wisconsin | f 8,898,603 | I.... 932,363 | I....11.70 | 5.36 | 47.61 | 1.53 |
| Minnesota | 10,389,825 | I.... 1,922,999 | I....22.73 | 8.24 | 93.05 | 1.66 |
| Iowa | 12,900,495 | I.... 566,198 | I.... 4.59 | 6.88 | 42.32 | 2.47 |
| Missouri | 10,972,161 | I.... 1,168,375 | I....11.92 | 4.19 | 29.11 | 1.46 |
| Dakota <i>b</i> | 3,298,871 | I.... 173,745 | I.... 5.56 | 7.02 | 61.99 | 2.00 |
| Nebraska | 8,000,000 | I.... 2,876,820 | I....56.16 | 8.13 | 50.10 | 4.38 |
| Kansas | 9,794,423 | I.... 1,186,226 | I....13.78 | 6.69 | 40.02 | 2.71 |
| Western Division: | | | | | | |
| Montana <i>b</i> | 646,670 | I.... 98,303 | I.... 17.93 | 6.25 | 75.20 | .96 |
| Wyoming | | | | | | |
| Colorado | 3,833,353 | I.... 600,332 | I....18.55 | 10.36 | 107.92 | 1.99 |
| New Mexico <i>g</i> | 125,000 | | | .89 | 10.16 | .29 |
| Arizona <i>b</i> | 222,269 | I.... 46,269 | I....26.29 | 4.03 | 57.74 | ..... |
| Utah | 610,050 | I.... 67,294 | I....12.40 | 3.06 | 30.88 | 1.17 |
| Nevada <i>b</i> | 246,631 | I.... 2,073 | I.... .85 | 5.20 | 47.91 | ..... |
| Idaho | 344,500 | I.... 65,000 | I....23.25 | 4.50 | 41.81 | 1.38 |
| Washington | 1,205,296 | I.... e 374,296 | I.... h 45.04 | 4.21 | 41.21 | .96 |
| Oregon | 1,533,104 | I.... 237,886 | I....18.37 | 5.20 | 38.31 | ..... |
| California | 12,844,770 | I.... 2,280,990 | I....21.59 | 11.02 | 89.35 | 1.16 |
| Alaska | | | | | | |

a These summaries embrace all the States and Territories except Alaska. Estimates are made of those not reported.

b In 1887-88.

c The value of school property in Pennsylvania has been overestimated heretofore.

d School buildings only.

e Estimated.

f Schoolhouses and sites only.

g In 1888.

h Average annual rate of increase since 1887.

TABLE 9.—Whole number of different teachers employed, classified by sex, mainly for 1888-89, and compared with the same for preceding year; number of teachers necessary to supply the schools; changes in the teaching force; proportion of teachers who are males.

| State or Territory. | I | | | | | | | Ratio of male teachers to whole number of teachers. | |
|-------------------------------|--------------------------------|--------------------------------------------|----------------------------------|--------------------------------------------|-----------------------------|--------------------------------------------|------------------------------------------------------|-----------------------------------------------------|-----------|
| | Whole number of male teachers. | Increase or decrease since preceding year. | Whole number of female teachers. | Increase or decrease since preceding year. | Whole number of both sexes. | Increase or decrease since preceding year. | Number of teachers employed for every 100 necessary. | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | | | | | | | | | Per cent. |
| United States <i>a</i> | 124,929 | | 227,302 | | 352,231 | | | b129 | 35.5 |
| North Atlantic Division..... | 18,324 | D... 1,306 | 71,838 | I... 1,981 | 90,162 | I... 675 | | b122 | 20.3 |
| South Atlantic Division..... | 20,241 | D... 76 | 18,462 | D... 127 | 38,703 | D... 203 | | b103 | 52.3 |
| South Central Division..... | 29,203 | D... 109 | 19,512 | D... 335 | 48,715 | I... 29 | | b139 | 60.0 |
| North Central Division..... | 53,127 | D... 1,755 | 108,603 | I... 4,635 | 161,730 | I... 2,890 | | b101 | 32.8 |
| Western Division..... | 4,034 | | 8,887 | | 12,921 | | | | 31.2 |
| North Atlantic Division: | | | | | | | | | |
| Maine <i>c</i> | d1,351 | D... 131 | d6,247 | I... 144 | 7,598 | I... 13 | | | d17.8 |
| New Hampshire..... | 312 | D... 4 | 2,727 | D... 29 | 3,039 | D... 33 | | | 10.3 |
| Vermont <i>c</i> | 479 | D... 76 | 3,517 | D... 127 | 3,996 | D... 203 | | | 12.0 |
| Massachusetts..... | 901 | D... 109 | 9,222 | I... 335 | 10,123 | I... 226 | 8,753 | 116 | 8.9 |
| Rhode Island..... | 171 | I... 1 | 1,196 | I... 28 | 1,367 | I... 29 | 1,130 | 121 | 12.5 |
| Connecticut <i>c</i> | d574 | D... 44 | d3,440 | I... 71 | d4,014 | I... 27 | 3,116 | d129 | d14.3 |
| New York..... | 5,519 | D... 102 | 26,438 | I... 363 | 31,987 | I... 261 | 23,413 | 137 | 17.3 |
| New Jersey <i>c</i> | 796 | D... 29 | 3,325 | I... 148 | 4,121 | I... 119 | | | 19.3 |
| Pennsylvania..... | 8,191 | D... 812 | 15,726 | I... 1,048 | 23,917 | I... 236 | 21,889 | 109 | 31.2 |
| South Atlantic Division: | | | | | | | | | |
| Delaware <i>c</i> | 203 | D... 12 | 454 | I... 23 | 637 | I... 11 | | | 30.9 |
| Maryland..... | 1,084 | D... 51 | 2,644 | I... 114 | 3,728 | I... 60 | | | 29.1 |
| District of Columbia..... | 78 | D... 2 | 602 | I... 28 | 680 | I... 26 | | | 11.5 |
| Virginia..... | 3,258 | D... 113 | 4,165 | I... 254 | 7,423 | I... 141 | | | 43.9 |
| West Virginia..... | 3,444 | I... 64 | 1,897 | I... 39 | 5,341 | I... 103 | | | 64.5 |
| North Carolina <i>c</i> | 4,456 | D... 32 | 2,637 | I... 79 | 7,107 | I... 47 | | | 62.6 |
| South Carolina..... | 2,210 | D... 729 | 2,040 | I... 504 | 4,250 | I... 180 | | | 52.0 |
| Georgia <i>d e</i> | 4,095 | D... 729 | 2,829 | D... 504 | 6,924 | D... 233 | | | 59.1 |
| Florida..... | 1,419 | | 1,174 | | 2,593 | I... 180 | | | 54.7 |
| South Central Division: | | | | | | | | | |
| Kentucky..... | 4,508 | D... 66 | 4,383 | I... 240 | 8,891 | I... 174 | | | f50.7 |
| Tennessee <i>c</i> | 5,146 | I... 99 | 2,572 | I... 134 | 7,718 | I... 233 | | | 66.7 |
| Alabama..... | 3,791 | I... 50 | 2,125 | I... 105 | 5,916 | I... 155 | | | 64.1 |

d Approximately.*e* In 1888.*f* In 1886-78.*a* Excluding Alaska.*b* This summary embraces only the States tabulated in the same column below.*c* In 1887-88.

TABLE 9.—Whole number of different teachers employed, classified by sex, mainly for 1888-89, etc.—Continued.

| State or Territory. | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|------------------------------------------|--------------------------------|--------------------------------------------|----------------------------------|--------------------------------------------|-----------------------------|--------------------------------------------|-----------------------------------------|------------------------------------------------------|-----------------------------------------------------|
| | Whole number of male teachers. | Increase or decrease since preceding year. | Whole number of female teachers. | Increase or decrease since preceding year. | Whole number of both sexes. | Increase or decrease since preceding year. | Number necessary to supply the schools. | Number of teachers employed for every 100 necessary. | Ratio of male teachers to whole number of teachers. |
| 1 | | | | | | | | | |
| South Central Division—Continued: | | | | | | | | | |
| Mississippi..... | 3,557 | I..... 42 | 3,558 | I..... 367 | 7,115 | I..... 409 | 6,875 | 103 | 50.0 |
| Louisiana <i>c</i> | 1,169 | D..... 29 | 1,347 | I..... 136 | 2,516 | I..... 107 | | | 46.5 |
| Texas <i>b</i> | 6,660 | | 3,954 | | 10,614 | | | | 62.7 |
| Arkansas..... | 64,372 | I..... 941 | 64,573 | I..... 340 | 5,945 | I..... 1,281 | | | 473.6 |
| North Central Division: | | | | | | | | | |
| Ohio..... | 10,699 | D..... 830 | 14,187 | I..... 868 | 24,886 | I..... 38 | 19,215 | 130 | 42.9 |
| Indiana..... | 6,776 | D..... 327 | 6,477 | D..... 622 | 13,253 | D..... 949 | | | 51.1 |
| Illinois..... | 6,532 | D..... 47 | 10,763 | I..... 65 | 21,296 | I..... 18 | | | 30.7 |
| Michigan..... | 63,847 | I..... 74 | 612,228 | I..... 238 | 16,075 | I..... 312 | 10,637 | 151 | 223.9 |
| Wisconsin..... | 2,376 | D..... 74 | 9,572 | I..... 611 | 11,948 | I..... 537 | 8,604 | 139 | 19.9 |
| Minnesota..... | 61,974 | I..... 90 | 63,941 | I..... 270 | 7,915 | I..... 360 | | | 24.9 |
| Iowa..... | 5,432 | D..... 163 | 20,361 | I..... 843 | 25,793 | I..... 680 | 15,611 | 165 | 21.1 |
| Missouri..... | 6,195 | D..... 923 | 7,439 | I..... 880 | 13,634 | D..... 43 | | | 45.4 |
| Dakota <i>d</i> | 1,779 | I..... 55 | 3,465 | I..... 181 | 5,744 | I..... 236 | 4,426 | 130 | 31.0 |
| Nebraska..... | 2,446 | I..... 70 | 6,667 | I..... 858 | 9,113 | I..... 928 | 7,000 | 130 | 26.8 |
| Kansas..... | 65,070 | I..... 320 | 67,003 | I..... 443 | 12,073 | I..... 763 | 10,592 | 114 | 412.0 |
| Western Division: | | | | | | | | | |
| Montana <i>d</i> | 165 | D..... 4 | 337 | I..... 62 | 442 | I..... 48 | | | 23.8 |
| Wyoming <i>e</i> | 57 | | 174 | | 231 | | | | 21.7 |
| Colorado..... | 364 | I..... 2 | 1,154 | D..... 188 | 1,518 | D..... 186 | | | 24.0 |
| New Mexico <i>a c</i> | 323 | | 166 | | 489 | | | | 66.1 |
| Arizona <i>d</i> | 72 | I..... 1 | 113 | I..... 19 | 185 | I..... 19 | | | 38.9 |
| Utah..... | 363 | D..... 25 | 332 | I..... 18 | 635 | D..... 6 | | | 47.7 |
| Nevada <i>d</i> | 650 | | 6188 | | 238 | I..... 11 | | | 21.1 |
| Idaho..... | 6159 | | 6275 | | 434 | | | | 36.8 |
| Washington..... | 536 | | 813 | | 1,319 | | | | 39.7 |
| Oregon..... | 914 | I..... 70 | 1,231 | D..... 22 | 2,145 | I..... 54 | | | 42.6 |
| California..... | 1,151 | I..... 65 | 4,104 | I..... 252 | 5,255 | I..... 317 | 5,179 | 101 | 21.9 |
| Alaska..... | 8 | D..... 4 | 10 | D..... 2 | 18 | D..... 6 | 16 | | 44.4 |

a In 1888.*b* Returns incomplete.*c* Approximately.*d* In 1887-88.*e* In 1886-87.*f* Number of schools.

TABLE 10.—Salaries of teachers, classified by sex, mainly for 1888-89, and compared with same for preceding year.

| State or Territory. | Average monthly salaries. | | | |
|-----------------------------------------|---------------------------|-----------------------|----------|-----------------------|
| | Males. | Increase or decrease. | Females. | Increase or decrease. |
| 1 | 2 | 3 | 4 | 5 |
| United States <i>a b</i> | \$42.43 | D....\$0.04 | \$34.27 | I.....\$0.32 |
| North Atlantic Division <i>b</i> | 48.20 | D.... .10 | 32.46 | I..... .49 |
| South Atlantic Division <i>b</i> | 28.11 | I..... .85 | 27.07 | I..... .17 |
| South Central Division <i>a b</i> | 40.59 | I..... 1.45 | 33.45 | I..... .15 |
| North Central Division <i>b</i> | 43.09 | D.... .80 | 34.07 | I..... .18 |
| Western Division <i>b</i> | 64.81 | I..... 1.54 | 56.62 | I..... 1.22 |
| North Atlantic Division: | | | | |
| Maine..... | 35.22 | I..... .86 | 17.24 | I..... .32 |
| New Hampshire..... | 43.87 | D.... .95 | 25.42 | I..... .49 |
| Vermont <i>c</i> | 37.20 | I..... 3.40 | 20.92 | I..... .04 |
| Massachusetts..... | 108.88 | D....10.46 | 45.93 | I..... 1.05 |
| Rhode Island..... | 87.06 | I..... 1.07 | 45.20 | I..... .80 |
| Connecticut..... | 74.47 | I..... .97 | 39.31 | I..... .79 |
| New York..... | | | | |
| New Jersey <i>c</i> | 67.24 | I..... 3.17 | 42.35 | I..... 1.01 |
| Pennsylvania..... | 39.00 | I..... .46 | 30.31 | I..... .15 |
| South Atlantic Division: | | | | |
| Delaware <i>c d</i> | 40.40 | I..... 1.60 | 32.59 | I..... 1.30 |
| Maryland..... | | | | |
| District of Columbia <i>c</i> | 103.19 | D.... 6.57 | 61.79 | I..... .67 |
| Virginia..... | 31.36 | I..... .36 | 26.74 | I..... .34 |
| West Virginia..... | | | | |
| North Carolina <i>c</i> | 24.57 | I..... 1.77 | 21.95 | D.... .05 |
| South Carolina..... | 26.61 | D.... .07 | 23.50 | D.... .30 |
| Georgia..... | | | | |
| Florida..... | | | | |
| South Central Division: | | | | |
| Kentucky..... | 34.72 | I..... 1.68 | 35.59 | I..... 1.44 |
| Tennessee..... | | | | |
| Alabama..... | | | | |
| Mississippi..... | 32.54 | I..... 1.48 | 28.04 | I..... .10 |
| Louisiana <i>c</i> | 31.50 | I..... .30 | 29.00 | I..... 0 |
| Texas..... | 47.57 | | 37.52 | |
| Arkansas..... | 45.00 | I..... 1.50 | 33.33 | D.... 3.17 |
| North Central Division: | | | | |
| Ohio..... | 41.00 | 0 | 34.00 | 0 |
| Indiana..... | 37.46 | D.... 7.74 | 33.96 | D.... 3.44 |
| Illinois..... | 53.30 | I..... .37 | 43.48 | I..... .39 |
| Michigan..... | 46.31 | I..... .64 | 32.32 | I..... .75 |
| Wisconsin..... | 48.00 | | 31.00 | |
| Minnesota..... | 40.58 | I..... .48 | 30.81 | I..... .29 |
| Iowa..... | 37.52 | I..... 1.08 | 30.37 | I..... .32 |
| Missouri..... | | | | |
| Dakota <i>c</i> | 36.25 | I..... .09 | 32.84 | I..... 1.46 |
| Nebraska <i>c</i> | 43.18 | I..... <i>f</i> .25 | 35.54 | I..... <i>f</i> .42 |
| Kansas..... | 41.85 | I..... .84 | 34.70 | I..... 1.06 |
| Western Division: | | | | |
| Montana <i>c</i> | 69.00 | D.... 6.00 | 56.00 | 0 |
| Wyoming..... | | | | |
| Colorado..... | 95.21 | I.....18.74 | 63.50 | I..... 6.03 |
| New Mexico..... | | | | |
| Arizona <i>c</i> | 85.94 | D.... 1.66 | 78.91 | D.... .69 |
| Utah..... | 51.59 | D.... .77 | 29.79 | D.... 1.78 |
| Nevada <i>c</i> | 98.41 | I..... .16 | 67.65 | I..... .74 |
| Idaho..... | | | | |
| Washington..... | 47.66 | I..... <i>g</i> 1.62 | 39.67 | I..... <i>g</i> 1.65 |
| Oregon..... | 46.31 | I..... .11 | 36.75 | D.... .22 |
| California..... | 78.23 | D.... 1.23 | 65.13 | I..... .58 |
| Alaska..... | 120.00 | 0 | 87.00 | D.... 3.00 |

a Excluding Alaska.*b* These summaries embrace only the States tabulated in the same column below.*c* In 1887-88.*d* Approximately.*e* In 1888.*f* Average annual increase since 1886.*g* Average annual increase since 1887.

TABLE 11.—Showing the amount of school revenues from different sources, mainly for 1888-89, and compared in part with the same for preceding year.

| State or Territory. | From taxation. | | | | | | From other sources. | Total revenue for the year, excluding money borrowed. | Increase or decrease since preceding year. | Balance from previous year. | From sale of bonds. |
|------------------------------|----------------------------------|-------------------|--------------------------------------------|-------------------|--------------------------------------------|-------------------|---------------------|-------------------------------------------------------|--------------------------------------------|-----------------------------|---------------------|
| | From per-mament funds and rents. | From State taxes. | Increase or decrease since preceding year. | From local taxes. | Increase or decrease since preceding year. | Total from taxes. | | | | | |
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| United States a..... | | | | | | | | | | | |
| North Atlantic Division..... | \$9,825,127 | \$25,177,067 | | \$88,228,355 | | \$113,505,452 | \$8,794,431 | \$132,125,010 | | | |
| Maine..... | 49,836 | 377,179 | I..... 12,559 | 655,679 | I..... 9,645 | 1,062,858 | 0 | 1,112,694 | I..... 45,468 | 56,916 | |
| New Hampshire..... | 12,537 | 509,612 | I..... 42,896 | 118,153 | D..... 9,885 | 627,766 | 72,123 | 712,431 | I..... 35,691 | | |
| Vermont b..... | 23,996 | 0 | I..... 5,331 | 525,749 | I..... 5,331 | 525,749 | 78,412 | 628,157 | I..... 20,775 | | |
| Massachusetts c..... | 272,010 | 0 | I..... 0 | 7,328,486 | I..... 410,007 | 7,328,486 | 1,879 | 7,602,375 | I..... 406,074 | | |
| Rhode Island..... | 19,007 | 112,473 | I..... 5,392 | 761,670 | I..... 108,628 | 874,143 | 9,205 | 902,355 | I..... 67,318 | 76,608 | |
| Connecticut..... | 160,591 | 235,854 | I..... 3,466 | 1,512,542 | I..... 214,157 | 1,748,406 | 81,340 | 1,990,337 | I..... 240,629 | | |
| New York..... | 348,822 | 3,192,634 | D..... 2,673 | 11,536,468 | I..... 1,075,621 | 14,729,103 | 1,140,869 | 16,218,794 | I..... 1,488,370 | 2,385,811 | |
| New Jersey b..... | 32,984 | d1,970,055 | I..... 413,395 | 1,113,301 | I..... 55,932 | 3,083,356 | 0 | 3,115,441 | I..... 409,565 | | |
| Pennsylvania..... | (c) | f1,499,369 | I..... 507,922 | g10,853,454 | D..... 91,723 | 12,082,823 | (c) | 12,082,823 | I..... 415,299 | | |
| South Atlantic Division: | | | | | | | | | | | |
| Delaware h..... | (d) | | | 185,994 | | 185,994 | j60,607 | 246,601 | | | |
| Maryland..... | 52,954 | 538,048 | I..... 25,217 | 1,012,600 | D..... 67,537 | 1,550,698 | 181,676 | 1,785,828 | D..... 5,471 | 34,025 | |
| District of Columbia..... | 0 | k474,843 | I..... 74,727 | 474,843 | I..... 74,727 | 1,949,686 | 0 | 1,949,686 | D..... 149,453 | | |
| Virginia..... | 36,983 | 837,673 | I..... 24,889 | 709,718 | I..... 13,341 | 1,517,391 | 40,178 | 1,624,553 | I..... 51,456 | 221,629 | |
| West Virginia..... | (i) | 572,662 | I..... 372,662 | 805,367 | I..... 351,618 | 1,181,029 | j66,701 | 1,250,730 | D..... 1,971 | 247,149 | |
| North Carolina b..... | 0 | 537,461 | I..... 40,073 | c27,500 | I..... 6,589 | 564,961 | 135,039 | c700,000 | D..... 23,537 | 192,108 | |
| South Carolina b..... | 0 | 382,652 | D..... 27,686 | 50,663 | I..... 6,589 | 433,215 | 8,122 | d441,337 | D..... 23,283 | 120,489 | |
| Georgia m..... | 37,000 | 512,493 | I..... 23,135 | 340,979 | I..... 109,104 | 853,472 | 11,756 | 865,228 | D..... 130,696 | 40,173 | |
| Florida..... | | 76,000 | I..... 1,192 | 387,000 | I..... 9,762 | 463,000 | 0 | 500,000 | I..... 15,890 | 0 | |
| South Central Division: | | | | | | | | | | | |
| Kentucky..... | 108,237 | 1,160,859 | I..... 115,078 | n711,791 | I..... 130,310 | 1,872,650 | 125,000 | 2,105,887 | I..... 245,836 | | |
| Tennessee b..... | 185,372 | o1,055,213 | I..... 105,213 | (p) | I..... 1,055,213 | 1,055,213 | 112,223 | 1,322,808 | I..... 384,891 | | |
| Alabama..... | 143,289 | q387,861 | D..... 4,635 | 0 | I..... 10,176 | 603,861 | 553 | r741,708 | I..... 6,689 | 2,578 | |
| Mississippi..... | 75,073 | 390,000 | I..... 437,383 | c437,383 | I..... 19,503 | s737,383 | t325,528 | 1,137,983 | I..... 133,775 | 139,289 | 0 |
| Louisiana m..... | 42,118 | 262,215 | I..... 56,594 | 229,586 | D..... 21,531 | 491,801 | 32,646 | 566,564 | I..... 43,759 | 96,042 | |
| Texas..... | 1,458,186 | 1,035,783 | I..... 26,398 | 324,040 | D..... 16,495 | 1,359,823 | 168,870 | 2,986,879 | I..... 571,444 | | \$800,000 |
| Arkansas..... | (i) | 289,005 | D..... 26,398 | 503,816 | D..... 147,858 | 792,821 | j158,712 | 951,533 | D..... 61,435 | 482,719 | |

| North Central Division: | | | | | | | | | |
|-------------------------|-----------|-----------|----------------|-----------|----------------|-----------|-----------|------------|----------------|
| Ohio..... | 243,087 | 1,681,969 | I..... 17,638 | 7,896,203 | I.... 183,165 | 9,578,172 | 342,231 | 10,163,490 | I.... 241,676 |
| Indiana b..... | 674,748 | 1,402,651 | D..... 87,062 | 2,797,147 | I.... 238,389 | 4,199,798 | 360,486 | 5,235,032 | I.... 185,114 |
| Illinois..... | 909,023 | 1,000,000 | 0 | 8,444,247 | I.... 19,522 | 9,444,247 | 370,069 | 10,723,239 | I.... 342,660 |
| Michigan..... | 827,773 | 0 | 0 | 2,067,495 | I.... 176,622 | 4,067,495 | 591,879 | 5,487,147 | I.... 295,647 |
| Wisconsin..... | 171,321 | 577,093 | I..... 148,058 | 1,754,554 | D.... 401,430 | 3,197,662 | 388,192 | 3,757,175 | I.... 159,622 |
| Minnesota..... | 305,173 | 567,016 | 0 | 5,335,803 | D.... 54,118 | 2,321,671 | 877,791 | 3,504,635 | D.... 162,566 |
| Iowa..... | 782,137 | 0 | 0 | 3,819,006 | I.... 484,425 | 5,335,803 | 760,729 | 5,160,704 | I.... 112,116 |
| Missouri..... | 1,311,698 | 390,691 | I..... 114,312 | 1,378,250 | I.... 377,800 | 3,819,006 | 78,147 | 1,817,088 | I.... 570,259 |
| Dakota b..... | 415,387 | 148,080 | 0 | 1,380,325 | I.... 349,538 | 1,768,941 | 1,003,031 | 2,882,793 | I.... 580,317 |
| Nebraska b c..... | 6326,593 | 0 | 0 | 3,623,406 | I.... 295,724 | 1,523,535 | 260,134 | 4,412,133 | I.... 28,867 |
| Kansas..... | 0 | 0 | 0 | 295,724 | I.... 7,149 | 3,623,406 | 21,718 | 317,442 | I.... 406,326 |
| Western Division: | | | | | | | | | |
| Montana b..... | 6148,142 | e470,448 | I.... 198,940 | 793,815 | I.... 168,942 | 1,264,263 | 223,184 | 1,630,559 | I.... 430,239 |
| Wyoming..... | 0 | 0 | I..... 6,199 | 140,803 | I.... 38,241 | 147,303 | 2,349 | 149,652 | I.... 39,326 |
| Colorado..... | 0 | 6,500 | I..... 25,137 | 114,500 | I.... 58,234 | 243,846 | 60,924 | 316,627 | I.... 78,955 |
| New Mexico..... | 11,857 | 129,346 | 0 | 107,108 | I.... 107,108 | 107,108 | 4,950 | 167,710 | I.... 44,729 |
| Arizona b..... | 55,652 | 0 | 0 | 556,751 | I.... v127,080 | 556,751 | 211,249 | 768,000 | I.... v214,133 |
| Nevada b..... | 0 | 0 | I..... 94,668 | 172,640 | D.... 7,145 | 589,552 | 82,922 | 787,838 | I.... 99,533 |
| Idaho..... | 115,364 | 416,912 | I..... 293,686 | 2,442,255 | I.... 12,642 | 4,705,661 | 337,007 | 5,286,745 | I.... 635,571 |
| Washington..... | 244,077 | 2,263,406 | 0 | 0 | I.... 12,642 | 0 | 0 | 0 | I.... 15,000 |
| Oregon..... | 0 | 0 | 0 | 0 | I.... 12,642 | 0 | 0 | 0 | I.... 15,000 |
| California..... | 0 | 0 | 0 | 0 | I.... 12,642 | 0 | 0 | 0 | I.... 15,000 |
| Alaska..... | 0 | 0 | 0 | 0 | I.... 12,642 | 0 | 0 | 0 | I.... 15,000 |

a Excluding Alaska.

b In 1887-88.

c Approximately

d Includes State appropriation of \$100,000.

e Included in column 5.

f From State appropriation.

g Includes revenue from all sources except State appropriation.

h In 1885-86.

i Included in column 8.

j Includes some revenue from permanent funds.

k Congressional appropriation.

l No separate data.

m In 1888.

n Including subscriptions.

o Includes local taxes, if any.

p Not reported.

q Includes an appropriation of \$250,000 from State treasury.

r Excluding some tuition fees and subscriptions.

s Poll tax included in "other sources."

t Includes poll tax.

u Includes some miscellaneous revenues.

v Average annual increase since 1887.

TABLE 12.—Showing the amount of school revenue derived from different sources per capita of population 6 to 14 and of average attendance, mainly for 1883-89.

| State or Territory. | Revenue per capita of population 6 to 14. | | | | | Revenue per capita of average attendance. | | | | |
|---------------------------------|-------------------------------------------|-------------------|-------------------|---------------------|----------------|-------------------------------------------|-------------------|-------------------|---------------------|----------------|
| | From permanent funds and rents. | From State taxes. | From local taxes. | From other sources. | Total revenue. | From permanent funds and rents. | From State taxes. | From local taxes. | From other sources. | Total revenue. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| United States <i>a</i> | \$0.81 | \$2.07 | \$7.23 | \$0.72 | \$10.88 | \$1.23 | \$3.15 | \$11.03 | \$1.10 | \$16.51 |
| North Atlantic Division. | .33 | 2.82 | 12.21 | .49 | 15.66 | .45 | 3.88 | 16.79 | .68 | 21.80 |
| South Atlantic Division. | .03 | 1.91 | 2.05 | .26 | 4.23 | .12 | 3.43 | 3.67 | .4 | 7.07 |
| South Central Division. | .74 | 1.67 | .90 | .34 | 3.65 | 1.35 | 3.06 | 1.65 | .62 | 6.68 |
| North Central Division. | 1.47 | 1.85 | 10.16 | 1.18 | 14.17 | 2.01 | 1.86 | 13.91 | 1.62 | 19.49 |
| Western Division <i>b</i> | 1.25 | 7.19 | 10.11 | 2.06 | 20.61 | 1.84 | 10.59 | 14.90 | 3.04 | 30.38 |
| North Atlantic Division: | | | | | | | | | | |
| Maine..... | .49 | 3.67 | 6.63 | 0 | 10.84 | .51 | 3.82 | 6.95 | 0 | 11.28 |
| New Hampshire..... | .24 | 9.69 | 2.24 | 1.37 | 13.54 | .29 | 11.72 | 2.72 | 1.65 | 16.38 |
| Vermont <i>c</i> | .44 | 0 | 9.64 | 1.44 | 11.51 | .52 | 0 | 11.42 | 1.70 | 13.64 |
| Massachusetts <i>d</i> | .89 | 0 | 23.97 | .01 | 24.87 | 1.00 | 0 | 27.05 | .01 | 28.06 |
| Rhode Island..... | .38 | 2.26 | 15.28 | .18 | 18.10 | .56 | 3.33 | 22.54 | .27 | 26.70 |
| Connecticut..... | 1.47 | 2.17 | 13.89 | .75 | 18.28 | 1.95 | 2.86 | 18.36 | .99 | 24.17 |
| New York..... | .38 | 3.47 | 12.53 | 1.24 | 17.62 | .85 | 5.01 | 18.10 | 1.79 | 25.45 |
| New Jersey <i>e</i> | .13 | 8.19 | 4.63 | 0 | 12.95 | .24 | 14.57 | 8.23 | 0 | 23.04 |
| Pennsylvania..... | (<i>e</i>) | 1.56 | 10.98 | (<i>e</i>) | 12.54 | (<i>e</i>) | 2.18 | 15.40 | (<i>e</i>) | 17.58 |
| South Atlantic Division: | | | | | | | | | | |
| Delaware <i>g</i> | (<i>h</i>) | 0 | 5.84 | 11.90 | 7.74 | (<i>h</i>) | 0 | 8.51 | 12.77 | 11.28 |
| Maryland..... | .26 | 2.62 | 4.94 | .89 | 8.70 | .53 | 5.42 | 10.21 | 1.83 | 17.99 |
| District of Columbia | 0 | 12.23 | 12.23 | 0 | 24.46 | 0 | 17.20 | 17.20 | 0 | 34.39 |
| Virginia..... | .10 | 2.17 | 1.84 | .10 | 4.22 | .18 | 4.23 | 3.63 | .21 | 8.31 |
| West Virginia..... | (<i>h</i>) | 2.23 | 4.79 | 14.40 | 7.42 | (<i>h</i>) | 3.13 | 6.74 | 15.66 | 10.42 |
| North Carolina <i>c</i> | 0 | 1.41 | 4.07 | .35 | 11.83 | 0 | 2.58 | 4.13 | .65 | 13.36 |
| South Carolina <i>c</i> | 0 | 1.50 | .20 | .03 | 1.73 | 0 | 2.74 | .86 | .06 | 3.16 |
| Georgia <i>k</i> | 0 | 1.32 | .88 | .03 | 2.23 | 0 | 2.36 | 1.56 | .05 | 3.97 |
| Florida..... | .41 | .84 | 4.30 | 0 | 5.56 | .58 | 1.19 | 6.08 | 0 | 7.86 |
| South Central Division: | | | | | | | | | | |
| Kentucky..... | .25 | 2.72 | 11.66 | .29 | 4.92 | .48 | 5.22 | 13.20 | .56 | 9.45 |
| Tennessee <i>c</i> | .38 | 2.57 | (<i>m</i>) | .27 | 3.22 | .50 | 3.42 | (<i>m</i>) | .36 | 4.28 |
| Alabama..... | .33 | 1.02 | .57 | 0 | 1.97 | .83 | 2.25 | 1.26 | 0 | 4.34 |
| Mississippi..... | .25 | .99 | 1.44 | 11.67 | 3.75 | .39 | 1.55 | 2.27 | 11.63 | 5.89 |
| Louisiana <i>k</i> | .17 | 1.04 | .91 | .13 | 2.25 | .47 | 2.90 | 2.54 | .36 | 6.27 |
| Texas..... | 2.38 | 1.69 | .53 | .28 | 4.87 | 4.29 | 3.05 | .95 | .50 | 8.78 |
| Arkansas..... | (<i>h</i>) | .97 | 1.69 | 15.53 | 8.20 | (<i>h</i>) | 2.04 | 3.56 | 11.12 | 6.72 |
| North Central Division: | | | | | | | | | | |
| Ohio..... | .37 | 2.57 | 12.08 | .52 | 15.55 | .46 | 3.17 | 14.85 | .64 | 19.15 |
| Indiana <i>c</i> | 1.57 | 3.27 | 6.51 | .84 | 12.19 | 1.65 | 3.43 | 6.84 | .83 | 12.81 |
| Illinois..... | 1.34 | 1.47 | 12.44 | .54 | 15.80 | 1.81 | 1.99 | 16.87 | .74 | 21.41 |
| Michigan..... | 2.27 | 0 | 11.16 | 1.62 | 15.05 | 2.96 | 0 | 14.53 | 2.11 | 19.60 |
| Wisconsin..... | .53 | 1.78 | 8.10 | 1.20 | 11.61 | .92 | 3.09 | 14.02 | 2.08 | 20.10 |
| Minnesota..... | 1.12 | 2.03 | 6.43 | 3.23 | 12.85 | 2.73 | 5.08 | 15.71 | 7.86 | 31.38 |
| Iowa..... | 2.16 | 0 | 14.72 | 2.10 | 18.98 | 2.57 | 0 | 17.50 | 2.50 | 22.57 |
| Missouri..... | 2.46 | 0 | 6.99 | 0 | 9.45 | 3.56 | 0 | 10.13 | 0 | 13.69 |
| Dakota <i>c</i> | 0 | 4.83 | 15.28 | .87 | 20.48 | 0 | 7.34 | 25.90 | 1.47 | 34.71 |
| Nebraska <i>cd</i> | 2.38 | .79 | 7.36 | 5.38 | 15.91 | 3.44 | 1.14 | 10.65 | 7.78 | 23.01 |
| Kansas..... | 1.63 | 0 | 11.25 | .81 | 13.69 | 2.15 | 0 | 14.81 | 1.06 | 18.02 |
| Western Division: | | | | | | | | | | |
| Montana <i>c</i> | 0 | 0 | 16.97 | 1.25 | 18.22 | 0 | 0 | 34.38 | 2.53 | 36.91 |
| Wyoming..... | 3.20 | 10.52 | 17.76 | 4.99 | 36.43 | 4.02 | 13.23 | 22.32 | 6.27 | 45.84 |
| Colorado..... | | | | | | | | | | |
| New Mexico..... | | | | | | | | | | |
| Arizona <i>c</i> | 0 | .61 | 13.22 | .22 | 14.05 | 0 | 1.69 | 36.58 | .61 | 38.88 |
| Utah..... | .27 | 2.90 | 2.57 | 1.37 | 7.11 | .60 | 6.55 | 5.80 | 3.08 | 16.03 |
| Nevada <i>c</i> | 8.03 | 0 | 15.45 | .71 | 24.19 | 10.81 | 0 | 20.80 | .96 | 32.57 |
| Idaho..... | | | | | | | | | | |
| Washington..... | 0 | 0 | 11.26 | 4.27 | 15.53 | 0 | 0 | 19.04 | 7.29 | 26.28 |
| Oregon..... | 2.30 | 8.30 | 3.44 | 1.65 | 15.69 | 2.88 | 10.42 | 4.31 | 2.08 | 19.69 |
| California..... | 1.40 | 12.95 | 13.98 | 1.93 | 30.26 | 1.70 | 15.74 | 16.99 | 2.34 | 56.77 |
| Alaska..... | | | | | 5.00 | | | | | 100.00 |

a Excluding Alaska and the Territories not tabulated.*b* Excluding Wyoming, New Mexico, and Idaho.*c* In 1887-88.*d* Approximately.*e* Included, if any, in "local taxes."*f* Includes revenue from all sources except State appropriation.*g* In 1885-86.*h* Included in "other sources."*i* Includes some revenue from permanent funds.*j* United States appropriation.*k* In 1883.*l* Includes subscriptions.*m* Included, if any, in "State taxes."*n* Includes poll taxes.

TABLE 13.—Percentage classification of school revenues, mainly for 1888-89, showing the percentage of the whole revenue derived from each source named.

| State or Territory. | Interest on per- manent funds and rent of school lands. | State taxes. | Local taxes. | Other revenues. |
|--------------------------------|------------------------------------------------------------------|---------------|---------------|-----------------|
| 1 | 2 | 3 | 4 | 5 |
| | Per cent. | Per cent. | Per cent. | Per cent. |
| United States <i>a</i> | 7.4 | 19.1 | 66.8 | 6.7 |
| North Atlantic Division..... | 2.1 | 17.8 | 77.0 | 3.1 |
| South Atlantic Division..... | 1.5 | 44.6 | 47.8 | 6.1 |
| South Central Division..... | 20.2 | 45.7 | 24.7 | 9.4 |
| North Central Division..... | 10.3 | 9.6 | 71.7 | 8.4 |
| Western Division <i>a</i> .. . | 6.0 | 34.9 | 49.0 | 10.1 |
| North Atlantic Division: | | | | |
| Maine..... | 4.5 | 33.9 | 61.6 | 0 |
| New Hampshire..... | 1.8 | 71.5 | 16.6 | 10.1 |
| Vermont <i>b</i> | 3.8 | 0 | 83.7 | 12.5 |
| Massachusetts..... | 3.6 | 0 | 96.4 | 0 |
| Rhode Island..... | 2.1 | 12.5 | 84.4 | 1.0 |
| Connecticut..... | 8.1 | 11.8 | 76.0 | 4.1 |
| New York..... | 2.2 | 19.7 | 71.1 | 7.0 |
| New Jersey <i>b</i> | 1.0 | 63.3 | 35.7 | 0 |
| Pennsylvania..... | (<i>d</i>) | 12.4 | 87.6 | (<i>d</i>) |
| South Atlantic Division: | | | | |
| Delaware <i>c</i> | (<i>f</i>) | 0 | 75.4 | <i>g</i> 24.6 |
| Maryland..... | 3.0 | 30.1 | 56.7 | 10.2 |
| District of Columbia..... | 0 | <i>h</i> 50.0 | 50.0 | 0 |
| Virginia..... | 2.3 | 51.5 | 43.7 | 2.5 |
| West Virginia..... | (<i>f</i>) | 30.0 | 64.6 | <i>g</i> 5.4 |
| North Carolina <i>b</i> | 0 | 76.3 | 23.9 | 19.3 |
| South Carolina <i>b</i> | 0 | 86.7 | 11.5 | 1.8 |
| Georgia <i>i</i> | 0 | 59.2 | 39.4 | 1.4 |
| Florida..... | 7.4 | 15.2 | 77.4 | 0 |
| South Central Division: | | | | |
| Kentucky..... | 5.1 | 55.1 | <i>j</i> 33.8 | 5.9 |
| Tennessee <i>b</i> | 11.7 | 79.8 | (<i>k</i>) | 8.5 |
| Alabama..... | 19.2 | 51.9 | 28.9 | 0 |
| Mississippi..... | 6.6 | 26.4 | 38.4 | <i>l</i> 28.6 |
| Louisiana <i>i</i> | 7.4 | 46.3 | 40.5 | 5.8 |
| Texas..... | 48.8 | 34.7 | 10.8 | 5.7 |
| Arkansas..... | (<i>f</i>) | 30.4 | 52.9 | <i>g</i> 16.7 |
| North Central Division: | | | | |
| Ohio..... | 2.4 | 16.5 | 77.7 | 3.4 |
| Indiana <i>b</i> | 12.9 | 25.8 | 53.4 | 6.9 |
| Illinois..... | 8.5 | 9.3 | 78.8 | 3.4 |
| Michigan..... | 15.1 | 0 | 74.1 | 10.8 |
| Wisconsin..... | 4.6 | 15.4 | 69.8 | 10.2 |
| Minnesota..... | 8.7 | 16.2 | 50.1 | 25.0 |
| Iowa..... | 11.4 | 0 | 77.6 | 11.0 |
| Missouri..... | 26.0 | 0 | 74.0 | 0 |
| Dakota <i>b</i> | 0 | 21.2 | 74.6 | 4.2 |
| Nebraska <i>bc</i> | 14.9 | 5.0 | 46.3 | 33.8 |
| Kansas..... | 11.9 | 0 | 8.22 | 5.9 |
| Western Division: | | | | |
| Montana <i>b</i> | 0 | 0 | 93.2 | 6.8 |
| Wyoming..... | | | | |
| Colorado..... | 8.8 | 28.8 | 48.7 | 13.7 |
| New Mexico..... | | | | |
| Arizona <i>b</i> | 0 | 4.3 | 94.1 | 1.6 |
| Utah..... | 3.8 | 40.8 | 36.1 | 19.3 |
| Nevada <i>b</i> | 33.2 | 0 | 63.9 | 2.9 |
| Idaho..... | | | | |
| Washington..... | 0 | 0 | 72.5 | 27.5 |
| Oregon..... | 14.6 | 52.9 | 21.9 | 10.6 |
| California..... | 4.6 | 42.8 | 46.2 | 6.4 |
| Alaska..... | | | | |

a Excluding the Territories not tabulated below.*b* In 1887-88.*c* Approximately.*d* Included, if any, in "local taxes."*e* In 1885-86.*f* Included in "other revenue."*g* Includes some revenue from permanent funds.*h* United States appropriation.*i* In 1883.*j* Includes subscriptions.*k* Included, if any, in "State taxes."*l* Includes poll taxes.

School revenues.—An attempt has been made in the preceding tables (10-14) to make the classification of revenue more accurate than heretofore.

Care has been taken to give separately whenever possible the revenue derived from permanent funds, so that as now tabulated it amounts to 7.4 per cent. of the total, instead of 5.3 per cent. as given in the Bureau's last report.

The classification of taxes into State and local is involved in uncertainty. No criterion can be adopted that will be applicable in all cases. Taxes pass through all shades of gradation from that levied, collected, and apportioned by the State to the purely voluntary local tax.

These and many other difficulties, including the differences of classification adopted in different States, so that it is impossible to reclassify in conformity with the Bureau's schedule, or with any schedule possessing significance that can be devised, render the tables of school revenues to a considerable degree unsatisfactory; in point of fact, it is not possible to form any tables the summaries of which will be more than fair approximations, except as to the total revenue, which may be and is very accurately given.

TABLE 14.--School expenditures, mainly for 1883-89, compared in part with those of preceding year.

| State or Territory. | Permanent expenditure. | | | Current expenditure for tuition. | | | | | | Other current expenditure. | Total expenditure, excluding payment of bonded indebtedness. | Increase or decrease since preceding year. | Increase or decrease per cent. | Indebtedness paid. |
|--------------------------------|----------------------------------|--------------------------|------------------------------|----------------------------------|-------------------------------------------|--------------------------------------------|--------------------------------|----------------|-----------------|----------------------------|--------------------------------------------------------------|--------------------------------------------|--------------------------------|--------------------|
| | Sites, buildings, and furniture. | Libraries and apparatus. | Salaries of superintendents. | Salaries of teachers. | Salaries of superintendents and teachers. | Increase or decrease since preceding year. | Increase or decrease per cent. | 9 | 10 |  |  |  |  |  | 11 | 12 | 13 |
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | | |
| United States a..... | \$22, 204, 100 | 987, 048 | | | \$87, 888, 666 | I. \$4, 430, 282 | I..... 5.31 | \$21, 049, 786 | \$132, 129, 600 | I. \$8, 861, 660 | I..... 7.19 | | | |
| North Atlantic Division a..... | | | | | | | | | | | | | | |
| Maine..... | 163, 650 | | | | b 818, 000 | I..... | I..... b 2, 32 | b 271, 280 | 1, 252, 930 | I..... 28, 369 | I..... 2.32 | | | |
| New Hampshire..... | 115, 768 | | | | 501, 174 | I..... 6, 098 | I..... 1.23 | 122, 131 | c 739, 073 | I..... 30, 585 | I..... 4.32 | | | |
| Vermont d..... | 58, 888 | | | | 473, 309 | I..... 11, 024 | I..... 2.33 | 108, 108 | 650, 392 | I..... 37, 544 | I..... 6.13 | | | |
| Massachusetts..... | 810, 765 | | | | f 5, 366, 605 | I..... 256, 543 | I..... 4.82 | g 1, 115, 481 | 7, 510, 719 | I..... 423, 513 | I..... 5.98 | | | |
| Rhode Island..... | 217, 213 | | | | 573, 413 | I..... 35, 755 | I..... 6.65 | 907, 287 | 1, 907, 287 | I..... 42, 215 | I..... 9.96 | | | |
| Connecticut..... | 228, 190 | | | | 1, 291, 473 | I..... 30, 028 | I..... 2.32 | 417, 388 | 1, 984, 254 | I..... 133, 175 | I..... 7.54 | | | |
| New York..... | 3, 744, 560 | | | | 9, 804, 604 | I..... 188, 912 | I..... 1.93 | 1, 997, 266 | 16, 050, 245 | I..... 1, 469, 404 | I..... 17.75 | | | |
| New Jersey d..... | 590, 016 | | | | h 2, 523, 425 | I..... 450, 733 | I..... 21.71 | (7) | 3, 113, 441 | I..... 469, 565 | I..... 17.75 | | | |
| Pennsylvania..... | f 2, 054, 004 | | | | 6, 660, 798 | I..... 264, 903 | I..... 4.13 | c 3, 178, 459 | e 11, 902, 261 | I..... 883, 270 | I..... 8.07 | | | |
| South Atlantic Division: | | | | | | | | | | | | | | |
| Delaware d..... | 115, 533 | | | | 202, 893 | I..... 12, 893 | I..... b 6, 79 | m 28, 292 | 246, 718 | D..... b 11, 282 | D..... b 4, 37 | | | |
| Maryland..... | 190, 923 | | | | 1, 450, 475 | I..... 43, 080 | I..... 3.10 | 231, 368 | 1, 852, 766 | I..... 69, 885 | I..... 3.92 | | | |
| District of Columbia..... | 332, 247 | | | | 470, 110 | I..... 27, 274 | I..... 5.61 | m 142, 283 | n 944, 640 | I..... 149, 591 | I..... 18.82 | | | |
| Virginia..... | 184, 908 | | | | 1, 259, 039 | I..... 54, 244 | I..... 4.65 | 142, 350 | 1, 620, 809 | I..... 62, 456 | I..... 4.01 | | | |
| West Virginia..... | 220, 733 | | | | 812, 723 | D..... 10, 971 | D..... 1.33 | 265, 242 | 1, 307, 901 | I..... 67, 251 | I..... 5.42 | | | |
| | | | | | | | | | | | | 15, 880 | | |

a These summaries, except that of column 3, include all the States, estimates being made of the few not reported.

b Estimated.

c Including debt paid.

d In 1887-88.

e Included in column 9.

f Including fuel and janitor's wages.

g Includes \$427, 156 expended for schoolbooks and supplies.

h Revenue for "maintaining the schools."

i Included in column 5.

j Includes amount paid for renting.

k Salaries of teachers only.

l In the city of Wilmington only, the expenditure for sites, etc., elsewhere is included in column 9.

m Includes some permanent expenditure.

n Also \$5,046 were expended for evening schools.

TABLE 14. — *School expenditures, mainly for 1888-89, compared in part with those of preceding year—Continued.*

| State or Territory. | Permanent expenditure. | | | Current expenditure for tuition. | | | | | Total expenditure, excluding payment of bonded indebtedness. | Increase or decrease since preceding year. | Increase or decrease per cent. | Indebtedness paid. |
|---------------------------------|----------------------------------|--------------------------|------------------------------|----------------------------------|-------------------------------------------|--------------------------------------------|--------------------------------|----------------------------|--------------------------------------------------------------|--------------------------------------------|--------------------------------|--------------------|
| | Sites, buildings, and furniture. | Libraries and apparatus. | Salaries of superintendents. | Salaries of teachers. | Salaries of superintendents and teachers. | Increase or decrease since preceding year. | Increase or decrease per cent. | Other current expenditure. | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| South Atlantic Division— | | | | | | | | | | | | |
| <i>Continued:</i> | | | | | | | | | | | | |
| North Carolina a..... | \$86,869 | 0 | \$23,340 | \$547,693 | \$571,034 | I... \$22,369 | I... 6.01 | \$62,067 | b \$700,000 | I... \$38,151 | I... 5.76 | ..... |
| South Carolina a..... | 25,938 | | 23,784 | 396,333 | 420,117 | I... 12,631 | I... 3.10 | 12,221 | 460,434 | I... 29,765 | I... 6.91 | ..... |
| Georgia c..... | d 134,295 | \$2,153 | 43,943 | 682,817 | 706,760 | I... 23,934 | I... 3.44 | 27,950 | 869,005 | I... 117,343 | I... 13.61 | ..... |
| Florida..... | e 25,000 | | | | e 450,000 | | | e 25,000 | 500,000 | I... 15,890 | I... 3.28 | ..... |
| South Central Division: | | | | | | | | | | | | |
| Kentucky..... | 256,307 | | 61,666 | 1,654,885 | 1,716,551 | I... 118,968 | I... 7.45 | 180,320 | 2,153,178 | I... 250,047 | I... 13.14 | ..... |
| Tennessee a..... | 85,708 | | 23,786 | 963,923 | 990,709 | I... 9,154 | I... 1.01 | 81,453 | 1,157,920 | I... 6,689 | I... 30 | ..... |
| Alabama..... | 776,798 | g 12,394 | 14,299 | 562,939 | 576,898 | I... 37,709 | I... 6.37 | 483,809 | 750,000 | I... 78,514 | I... 7.57 | ..... |
| Mississippi..... | 116,951 | No Rep. | 33,307 | 530,669 | 963,976 | I... 21,718 | I... 5.26 | 34,881 | 1,113,808 | I... 29,999 | I... 5.83 | 0 |
| Louisiana c..... | 4,690 | | 26,692 | 463,299 | 495,391 | I... 212,069 | I... 8.84 | 392,878 | 514,269 | I... 705,280 | I... 25.39 | ..... |
| Texas..... | 480,932 | (i) | 111,066 | 2,493,576 | 2,609,642 | I... 39,908 | I... 5.05 | 37,474 | 3,483,462 | I... 66,418 | I... 7.37 | ..... |
| Arkansas..... | 100,094 | | | 830,041 | j 830,041 | | | | 967,609 | I... 179,082 | I... 1.81 | \$621,996 |
| North Central District: | | | | | | | | | | | | |
| Ohio..... | 1,198,658 | | 183,611 | 6,574,758 | 6,700,398 | I... 191,810 | I... 2.92 | 2,135,250 | 10,693,706 | I... 4,957,626 | I... 5.66 | ..... |
| Indiana..... | 724,155 | 20,057 | 90,000 | 3,996,199 | 4,086,199 | I... 58,666 | I... .86 | 1,778,372 | 11,015,058 | I... 735,684 | I... 7.16 | 815,519 |
| Illinois..... | 2,285,687 | 65,611 | 141,702 | 6,772,686 | 6,914,388 | I... 120,878 | I... 3.93 | 1,063,878 | 4,952,524 | I... 30,383 | I... .62 | 327,885 |
| Michigan..... | 641,661 | 61,419 | | 2,414,281 | 3,193,535 | I... 155,736 | I... 6.90 | 589,563 | 3,655,052 | I... 165,002 | I... 4.73 | 148,475 |
| Wisconsin..... | 590,459 | 60,709 | | 2,414,281 | 2,414,281 | I... 202,592 | I... 10.43 | 1,098,424 | 3,931,215 | I... 136,531 | I... 3.51 | 422,347 |
| Minnesota..... | 726,305 | 11,228 | | 3,220,264 | 3,193,535 | I... 90,063 | I... 2.19 | 1,378,570 | 6,483,397 | I... 396,304 | I... 6.51 | 364,731 |
| Iowa..... | 861,251 | 48,411 | | 3,220,264 | 3,220,264 | I... 35,027 | I... 1.10 | 975,179 | 4,552,463 | I... 33,078 | I... .73 | 214,908 |
| Missouri..... | 340,573 | 16,417 | | 937,717 | 937,717 | I... 210,342 | I... 28.93 | 506,869 | 1,790,968 | I... 237,394 | I... 15.28 | 37,065 |
| Dakota a..... | 213,897 | 51,432 | 51,002 | 1,891,852 | j 1,891,852 | I... 192,067 | I... 11.30 | 345,694 | 5,137,721 | I... 355,582 | I... 11.60 | 150,820 |
| Nebraska..... | 1,182,175 | | | 1,891,852 | j 1,891,852 | I... 309,391 | I... 11.56 | 1,067,070 | 5,437,813 | I... 433,813 | I... 9.22 | ..... |
| Kansas..... | 1,014,731 | 68,756 | | | 2,935,904 | I... 309,391 | I... 11.56 | 1,067,070 | 5,437,813 | I... 433,813 | I... 9.22 | ..... |
| Western Division: | | | | | | | | | | | | |
| Montana..... | 490,000 | | | | e 215,000 | | | e 12,442 | 637,412 | I... 22,867 | I... 7.92 | ..... |
| Wyoming..... | 216,000 | | | 81,908 | j 81,908 | | | e 18,000 | 1,118,904 | I... 353,731 | I... 30.70 | 79,377 |
| Colorado..... | 530,206 | | 211,506 | 713,972 | 755,937 | I... 369,635 | I... 63.06 | 0 | 1,506,143 | I... 145,400 | I... 10.32 | ..... |
| New Mexico c..... | | | | 74,400 | 771,400 | I... 15,626 | I... 17.32 | 90 71,000 | 130,212 | I... 12,036 | I... 10.32 | ..... |
| Arizona..... | 22,029 | 817 | 5,611 | 106,222 | 106,806 | I... 11,368 | I... 6.51 | 41,615 | 284,856 | I... 40,886 | I... 16.62 | ..... |
| Utah..... | 48,492 | 8,850 | 13,225 | 172,671 | 185,899 | I... 11,368 | I... 6.51 | 41,615 | 284,856 | I... 40,886 | I... 16.62 | ..... |
| Nevada a..... | 10,691 | 2,029 | | 135,308 | j 135,308 | I... 64,417 | I... 63.40 | 20,824 | 168,852 | I... 64,970 | I... 63.03 | ..... |

TABLE 15.—*Per capita expenditure of money for school purposes, mainly for 1883-89.*

| State or Territory. | Expended per capita of total population— | | | |
|---------------------------------|-------------------------------------------------|-----------------------------------------------|---------------------|--------------------|
| | For sites, buildings, furniture, and apparatus. | For salaries of superintendents and teachers. | For other purposes. | Total expenditure. |
| 1 | 2 | 3 | 4 | 5 |
| United States <i>a</i> | \$0.38 | \$1.44 | \$0.35 | \$2.17 |
| North Atlantic Division | .50 | 1.67 | .42 | 2.59 |
| South Atlantic Division | .14 | .73 | .11 | .98 |
| South Central Division | .11 | .77 | .08 | .96 |
| North Central Division | .46 ¹ | 1.77 | .50 ¹ | 2.74 |
| Western Division <i>a</i> | .80 | 2.19 | .35 | 3.34 |
| North Atlantic Division: | | | | |
| Maine | .25 | b1.24 | b.41 | 1.90 |
| New Hampshire | .31 | 1.34 | .33 | 1.98 |
| Vermont <i>c</i> | .18 | 1.46 | .32 | 1.96 |
| Massachusetts..... | .38 | d2.57 | .51 | 3.46 |
| Rhode Island..... | .66 | 1.70 | .33 | 2.69 |
| Connecticut | .33 | 1.81 | .57 | 2.71 |
| New York..... | .71 | 1.70 | .32 | 2.73 |
| New Jersey <i>c</i> | .43 | e1.84 | (f) | 2.27 |
| Pennsylvania | .40 | 1.30 | g.62 | g2.32 |
| South Atlantic Division: | | | | |
| Delaware <i>c</i> | h.10 | 1.24 | i.17 | 1.51 |
| Maryland..... | .19 | 1.39 | .22 | 1.80 |
| District of Columbia | 1.48 | 2.10 | .64 | 4.22 |
| Virginia..... | .11 | .79 | .69 | 1.59 |
| West Virginia | .31 | 1.09 | .36 | 1.76 |
| North Carolina <i>c</i> | .04 | .36 | .04 | b.44 |
| South Carolina <i>c</i> | .02 | .33 | .01 | .41 |
| Georgia <i>j</i> | k.08 | .40 | .01 | .49 |
| Florida | | | | 1.32 |
| South Central Division: | | | | |
| Kentucky..... | .14 | .93 | .10 | 1.17 |
| Tennessee <i>c</i> | .05 | .58 | .04 | .67 |
| Alabama..... | .06 | .39 | .06 | .51 |
| Mississippi..... | .09 | .76 | .03 | .88 |
| Louisiana <i>j</i> | .00 ¹ | .46 | .04 | .50 ¹ |
| Texas..... | .22 | 1.21 | .18 | 1.61 |
| Arkansas..... | .09 | .76 | .03 | .88 |
| North Central Division: | | | | |
| Ohio..... | .33 | 1.87 | .59 | 2.77 |
| Indiana..... | .34 | 1.89 | .06 | 2.29 |
| Illinois..... | .62 | 1.85 | .43 | 2.95 |
| Michigan..... | .34 | 1.56 | .52 | 2.42 |
| Wisconsin..... | .39 | 1.46 | .35 | 2.20 |
| Minnesota..... | .59 | 1.70 | .87 | 3.16 |
| Iowa..... | .48 | 2.24 | .74 | 3.46 |
| Missouri..... | .14 | 1.23 | .37 | 1.74 |
| Dakota <i>c</i> | .63 | 2.10 | 1.08 | 3.81 |
| Nebraska..... | 1.20 | 1.92 | .35 | 3.47 |
| Kansas..... | .74 | 2.04 | .73 | 3.51 |
| Western Division: | | | | |
| Montana <i>c</i> | .87 | 2.08 | .12 | 3.07 |
| Wyoming..... | | | | |
| Colorado..... | 1.49 | 2.58 | 0 | 4.07 |
| New Mexico <i>b j</i> | (h) | .53 | i1.50 | 1.03 |
| Arizona <i>c</i> | .41 | 1.92 | .03 | 2.36 |
| Utah..... | .29 | .93 | .21 | 1.43 |
| Nevada <i>c</i> | .27 | 2.85 | .44 | 3.56 |
| Idaho..... | | | | 2.10 |
| Washington..... | .95 | 1.10 | .24 | 2.29 |
| Oregon..... | .44 | 1.77 | .34 | 2.55 |
| California..... | .88 | 2.93 | .54 | 4.35 |
| Alaska..... | .03 | .40 | | |

a Excluding Alaska and Wyoming.*b* Approximately.*c* In 1887-88.*d* Includes fuel and janitors' wages.*e* Expended for "maintaining the schools."*f* Included in the preceding column.*g* Includes debt paid.*h* Some expenditure for sites and buildings is included in expenses "for other purposes."*i* Includes some expenditure for sites and buildings.*j* In 1888.*k* Includes some miscellaneous expenditure.*l* Includes balance unexpended.

TABLE 16.—*Per capita expenditure of money for school purposes, continued; also amount expended in mills per dollar of assessed valuation.*

| State or Territory. | Expended per capita of average attendance— | | | | Number of mills expended for each dollar of assessed valuation— | | | |
|----------------------------------------|-------------------------------------------------|-----------------------------------------------|---------------------|--------------------|-----------------------------------------------------------------|-----------------------------------------------|----------------------|-----------------------|
| | For sites, buildings, furniture, and apparatus. | For salaries of superintendents and teachers. | For other purposes. | Total expenditure. | For sites, buildings, furniture, and apparatus. | For salaries of superintendents and teachers. | For other purposes. | Total expenditure. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| United States <i>a</i> | \$2.89 | \$10.98 | \$2.63 | \$16.51 | Mills per dollar. 1.0 | Mills per dollar. 3.7 | Mills per dollar. .9 | Mills per dollar. 5.6 |
| North Atlantic Division <i>a</i> | 4.14 | 13.98 | 3.55 | 21.67 | .8 | 2.8 | .7 | 4.4 |
| South Atlantic Division <i>a</i> | 1.11 | 5.83 | .86 | 7.80 | .6 | 3.2 | .5 | 4.3 |
| South Central Division | .77 | 5.57 | .58 | 6.93 | .5 | 3.6 | .4 | 4.4 |
| North Central Division | 3.28 | 12.51 | 3.57 | 19.37 | 1.3 | 5.1 | 1.4 | 7.9 |
| Western Division <i>a</i> | 7.21 | 19.66 | 3.12 | 29.99 | 1.2 | 3.4 | .5 | 5.2 |
| North Atlantic Division: | | | | | | | | |
| Maine | 1.66 | b8.29 | b2.75 | 12.70 | | | | |
| New Hampshire..... | 2.66 | 11.53 | 2.81 | 17.00 | .5 | 1.9 | .5 | 2.9 |
| Vermont <i>c</i> | 1.28 | 10.49 | 2.35 | 14.12 | .4 | 3.1 | .7 | 4.1 |
| Massachusetts..... | 3.01 | d20.60 | 4.12 | 27.72 | .4 | d2.8 | .6 | 3.8 |
| Rhode Island..... | 6.58 | 16.97 | 3.29 | 26.84 | | | | |
| Connecticut..... | 2.93 | 16.09 | 5.07 | 24.09 | .7 | 3.8 | 1.1 | 5.6 |
| New York..... | 6.53 | 15.65 | 2.99 | 25.17 | 1.2 | 2.8 | .4 | 4.5 |
| New Jersey <i>c</i> | 4.36 | e18.68 | (<i>f</i>) | 23.04 | 1.0 | e4.2 | (<i>f</i>) | 5.2 |
| Pennsylvania..... | 2.99 | 9.70 | g4.62 | g17.31 | .8 | 2.6 | g1.2 | g4.6 |
| South Atlantic Division: | | | | | | | | |
| Delaware <i>c</i> | h.73 | 9.54 | i1.33 | 11.60 | j.4 | j2.8 | j.5 | j3.7 |
| Maryland..... | 1.92 | 14.41 | 2.33 | 18.67 | | | | |
| District of Columbia | 12.03 | 17.02 | 5.15 | 34.20 | e1.9 | e3.5 | e.9 | e6.3 |
| Virginia..... | .97 | 6.59 | .73 | 8.29 | .6 | 3.7 | .4 | 4.7 |
| West Virginia..... | 1.92 | 6.77 | 2.21 | 10.90 | e1.3 | e5.0 | e1.3 | e7.6 |
| North Carolina <i>c</i> | .32 | 2.74 | .30 | 63.36 | .3 | 2.8 | .3 | b3.4 |
| South Carolina <i>c</i> | .20 | 3.01 | .09 | 3.30 | .2 | 3.0 | .1 | 3.3 |
| Georgia <i>k</i> | 4.62 | 3.24 | .13 | 3.99 | 4.4 | 2.0 | .1 | 2.6 |
| Florida..... | | | | 7.68 | | | | 5.6 |
| South Central Division: | | | | | | | | |
| Kentucky..... | 1.15 | 7.71 | .81 | 9.67 | .5 | 3.4 | .4 | 4.3 |
| Tennessee <i>c</i> | .28 | 3.20 | .26 | 3.75 | .3 | 3.3 | .3 | 3.9 |
| Alabama..... | .52 | 3.35 | .49 | 4.36 | .4 | 2.4 | .3 | 3.1 |
| Mississippi..... | .61 | 4.99 | .18 | 5.78 | .7 | 6.1 | .3 | 7.1 |
| Louisiana <i>k</i> | 0.5 | 5.47 | .49 | 6.01 | | 2.4 | .2 | 2.6 |
| Texas..... | 1.41 | 7.67 | 1.16 | 10.24 | .7 | 3.6 | .5 | 4.8 |
| Arkansas..... | .71 | 5.87 | .26 | 6.84 | .6 | 5.0 | .2 | 5.8 |
| North Central Division: | | | | | | | | |
| Ohio..... | 2.26 | 12.74 | 4.02 | 19.02 | .7 | 3.9 | 1.2 | 5.8 |
| Indiana..... | 2.12 | 11.65 | .37 | 14.14 | .9 | 4.9 | .2 | 6.0 |
| Illinois..... | 4.64 | 13.81 | 3.55 | 22.00 | 2.9 | 8.7 | 2.2 | 13.9 |
| Michigan..... | 2.51 | 11.41 | 3.77 | 17.69 | .7 | 3.1 | 1.0 | 4.8 |
| Wisconsin..... | 3.43 | 12.92 | 3.16 | 19.56 | 1.1 | 4.2 | 1.0 | 6.3 |
| Minnesota..... | 6.61 | 19.21 | 9.84 | 35.66 | 1.2 | 3.4 | 1.8 | 6.4 |
| Iowa..... | 2.98 | 13.77 | 4.52 | 21.27 | 1.7 | 8.0 | 2.6 | 12.3 |
| Missouri..... | .95 | 8.54 | 2.59 | 12.08 | .5 | 4.3 | 1.3 | 6.1 |
| Dakota <i>c</i> | 5.55 | 19.58 | 9.53 | 33.66 | 1.8 | 6.1 | 3.1 | 11.1 |
| Nebraska..... | 7.40 | 11.85 | 2.16 | 21.41 | 6.5 | 10.4 | 1.9 | 18.7 |
| Kansas..... | 4.43 | 12.20 | 4.55 | 20.99 | 3.0 | 8.3 | 3.0 | 14.3 |
| Western Division: | | | | | | | | |
| Montana <i>c</i> | 10.47 | 25.00 | 1.45 | 36.92 | 1.3 | 3.2 | .2 | 4.7 |
| Wyoming..... | | | | | | | | |
| Colorado..... | 15.47 | 26.88 | .00 | 42.35 | 2.9 | 5.0 | .0 | 7.8 |
| New Mexico <i>b k</i> | (<i>h</i>) | 6.05 | i m5.77 | 11.82 | (<i>h</i>) | 1.7 | i m1.6 | 3.4 |
| Arizona <i>c</i> | 5.93 | 27.51 | .39 | 33.82 | | | | |
| Utah..... | 2.90 | 9.41 | 2.11 | 14.42 | 1.1 | 3.6 | .8 | 5.5 |

a These summaries include all the States and Territories except Alaska and Wyoming. The States not reported in columns 6, 7, 8, and 9 are estimated.

b Approximately.

c In 1887-88.

d Includes fuel and janitors' wages.

e Amount expended for "maintaining the schools."

f Included in the preceding column.

g Including debt paid.

h Some expenditure for sites and buildings is included in "expenses for other purposes."

i Includes some expenditure for sites and buildings.

j In 1886-87.

k In 1888.

l Includes some miscellaneous expenditure.

m Includes balance unexpended.

TABLE 16.—*Per capita expenditure of money for school purposes, etc.—Continued.*

| State or Territory. | Expended per capita of average attendance— | | | | Number of mills expended for each dollar of assessed valuation— | | | |
|-----------------------|-------------------------------------------------|-----------------------------------------------|---------------------|--------------------|-----------------------------------------------------------------|-----------------------------------------------|---------------------|--------------------|
| | For sites, buildings, furniture, and apparatus. | For salaries of superintendents and teachers. | For other purposes. | Total expenditure. | For sites, buildings, furniture, and apparatus. | For salaries of superintendents and teachers. | For other purposes. | Total expenditure. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | | | | Mills per dollar. | Mills per dollar. | Mills per dollar. | Mills per dollar. |
| Nevada <i>a</i> | 2.47 | 26.28 | 4.04 | 32.79 | | | | |
| Idaho..... | | | | 19.49 | | | | 6.4 |
| Washington..... | 9.33 | 10.76 | 2.31 | 22.40 | 2.2 | 2.5 | .5 | 5.2 |
| Oregon..... | 3.28 | 13.04 | 2.49 | 18.81 | | | | |
| California..... | 7.16 | 13.72 | 4.35 | 35.23 | .9 | 3.1 | .6 | 4.6 |
| Alaska <i>b</i> | 3.50 | 40.35 | | | | | | |

a In 1887-88.*b* Approximately.TABLE 17.—*Percentage classification of school expenditure, mainly for 1888-89; showing the percentage of the whole expenditure devoted to each of the objects named.*

| State or Territory | Sites, buildings, furniture, libraries, and apparatus. | Salaries of superintendents and teachers. | Other expenses. | State or Territory. | Sites, buildings, furniture, libraries, and apparatus. | Salaries of superintendents and teachers. | Other expenses. |
|---------------------------------|--------------------------------------------------------|-------------------------------------------|-----------------|------------------------------------|--------------------------------------------------------|-------------------------------------------|-----------------|
| 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| | <i>Per ct.</i> | <i>Per ct.</i> | <i>Per ct.</i> | | <i>Per ct.</i> | <i>Per ct.</i> | <i>Per ct.</i> |
| United States <i>a</i> | 17.5 | 66.5 | 15.9 | Tennessee <i>c</i> | 7.4 | 85.6 | 7.0 |
| North Atlantic Division.. | 19.1 | 64.5 | 16.4 | Alabama..... | 11.9 | 76.9 | 11.2 |
| South Atlantic Division.. | 14.2 | 74.7 | 11.0 | Mississippi..... | 10.4 | 86.4 | 3.2 |
| South Central Division.... | 11.1 | 80.5 | 8.4 | Louisiana <i>b</i> | .9 | 91.0 | 8.1 |
| North Central Division.... | 17.0 | 64.6 | 18.4 | Texas..... | 13.8 | 74.9 | 11.3 |
| Western Division <i>a</i> | 24.0 | 65.5 | 10.4 | Arkansas..... | 10.3 | 85.8 | 3.9 |
| North Atlantic Division: | | | | North Central Division: | | | |
| Maine..... | 13.1 | 665.3 | 621.6 | Ohio..... | 11.9 | 67.0 | 21.1 |
| New Hampshire..... | 15.7 | 67.8 | 16.5 | Indiana..... | 15.0 | 82.4 | 2.6 |
| Vermont <i>c</i> | 9.1 | 74.3 | 16.6 | Illinois..... | 21.1 | 62.8 | 16.1 |
| Massachusetts..... | 10.8 | 674.3 | 14.9 | Michigan..... | 14.2 | 64.5 | 21.3 |
| Rhode Island..... | 24.5 | 63.2 | 12.3 | Wisconsin..... | 17.8 | 65.1 | 16.1 |
| Connecticut..... | 12.2 | 66.8 | 21.0 | Minnesota..... | 18.5 | 53.9 | 27.6 |
| New York..... | 25.9 | 62.2 | 11.9 | Iowa..... | 14.0 | 64.7 | 21.3 |
| New Jersey <i>c</i> | 18.9 | 681.1 | (<i>f</i>) | Missouri..... | 7.3 | 70.8 | 21.4 |
| Pennsylvania..... | 17.3 | 56.0 | 26.7 | Dakota <i>c</i> | 16.5 | 55.2 | 28.3 |
| South Atlantic Division: | | | | Nebraska..... | 34.6 | 55.3 | 10.1 |
| Delaware <i>c</i> | 66.3 | 82.2 | 111.5 | Kansas..... | 21.1 | 58.1 | 20.8 |
| Maryland..... | 10.3 | 77.2 | 12.5 | Western Division: | | | |
| District of Columbia.... | 35.2 | 49.8 | 15.0 | Montana <i>c</i> | 23.4 | 67.7 | 3.9 |
| Virginia..... | 11.7 | 79.5 | 8.8 | Wyoming..... | | | |
| West Virginia..... | 17.6 | 62.1 | 20.3 | Colorado..... | 36.5 | 63.5 | |
| North Carolina <i>c</i> | 9.6 | 81.6 | 8.8 | New Mexico <i>b</i> <i>t</i> | (<i>g</i>) | 51.2 | 1143.8 |
| South Carolina <i>c</i> | 6.1 | 91.2 | 2.7 | Arizona <i>c</i> | 17.5 | 81.3 | 1.2 |
| Georgia <i>f</i> | 115.5 | 81.3 | 3.2 | Utah..... | 20.1 | 65.3 | 14.6 |
| Florida..... | | | | Nevada <i>c</i> | 7.5 | 80.1 | 12.4 |
| South Central Division: | | | | Idaho..... | | | |
| Kentucky..... | 11.9 | 79.7 | 8.4 | Washington..... | 41.7 | 48.0 | 10.3 |
| | | | | Oregon..... | 17.4 | 69.3 | 13.3 |
| | | | | California..... | 20.3 | 67.3 | 12.4 |
| | | | | Alaska..... | | | |

a Excluding States not tabulated below.*f* Included in column 3.*i* In 1888.*b* Approximately.*g* Some expenditures for sites and buildings is included in "other expenses."*j* Includes some miscellaneous expenditure.*c* In 1887-88.*h* Includes some expenditure for sites and buildings.*k* Includes balances unexpended.*d* Includes fuel and janitor's wages.*e* For maintaining the schools.

TABLE 18.—Average cost of education per day for each pupil.

| State or Territory. | Average daily cost of education for each pupil— | | State or Territory. | Average daily cost of education for each pupil— | |
|---------------------------------|-------------------------------------------------|-------------------|-----------------------------|-------------------------------------------------|-------------------|
| | For tuition only. | For all purposes. | | For tuition only. | For all purposes. |
| 1. | 2. | 3. | 1. | 2. | 3. |
| | <i>Cents.</i> | <i>Cents.</i> | | <i>Cents.</i> | <i>Cents.</i> |
| United States <i>a</i> | 8.2 | 12.3 | Tennessee <i>c</i> | 4.1 | 4.7 |
| North Atlantic Division..... | 8.5 | 13.2 | Alabama..... | 4.4 | 5.8 |
| South Atlantic Division..... | 5.8 | 7.8 | Mississippi..... | 5.5 | 6.3 |
| South Central Division..... | 6.1 | 7.6 | Louisiana <i>g</i> | 5.9 | 6.5 |
| North Central Division..... | 8.5 | 13.1 | Texas..... | 6.9 | 9.2 |
| Western Division <i>a</i> | 14.1 | 21.6 | Arkansas..... | 7.8 | 9.1 |
| North Atlantic Division: | | | North Central Division: | | |
| Maine..... | 67.4 | 11.4 | Ohio..... | 7.7 | 11.5 |
| New Hampshire..... | 9.8 | 14.5 | Indiana..... | 8.8 | 10.7 |
| Vermont..... | 7.7 | 10.3 | Illinois..... | 8.6 | 13.8 |
| Massachusetts..... | 12.0 | 16.2 | Michigan..... | 7.5 | 11.6 |
| Rhode Island..... | 8.8 | 13.9 | Wisconsin..... | 7.8 | 11.9 |
| Connecticut..... | 8.9 | 13.4 | Minnesota..... | 15.2 | 28.3 |
| New York..... | 8.7 | 13.9 | Iowa..... | 8.9 | 13.8 |
| New Jersey <i>c</i> | 9.8 | 12.0 | Missouri..... | 6.0 | 8.5 |
| Pennsylvania..... | 6.5 | 11.6 | Dakota <i>c</i> | 17.5 | 31.8 |
| South Atlantic Division: | | | Nebraska..... | 10.4 | 18.8 |
| Delaware <i>c</i> | 5.8 | 7.1 | Kansas..... | 9.5 | 16.4 |
| Maryland..... | 7.8 | 10.0 | Western Division: | | |
| District of Columbia..... | 9.4 | 18.9 | Montana <i>c</i> | 19.7 | 29.1 |
| Virginia..... | 5.5 | 7.0 | Wyoming..... | | |
| West Virginia..... | 6.6 | 10.7 | Colorado..... | 15.8 | 24.9 |
| North Carolina <i>c</i> | 4.3 | 5.3 | New Mexico <i>b g</i> | 10.5 | 20.7 |
| South Carolina <i>c</i> | 4.2 | 4.6 | Arizona..... | 20.4 | 25.1 |
| Georgia <i>g</i> | 4.7 | 5.8 | Utah..... | 7.0 | 10.7 |
| Florida..... | | 5.2 | Nevada <i>c</i> | 15.5 | 19.3 |
| South Central Division: | | | Idaho..... | | 24.4 |
| Kentucky..... | 8.2 | 10.3 | Washington..... | 11.7 | 24.3 |
| | | | Oregon..... | 12.0 | 17.3 |
| | | | California..... | 14.8 | 22.0 |
| | | | Alaska..... | 622.4 | |

a Excluding Wyoming and Alaska.*b* Approximately.*c* In 1887-88.*d* Includes fuel and janitor's wages.*e* For "maintaining the schools."*f* Includes debt paid.*g* In 1888.

TABLE 19.—Permanent common school funds and total assessed valuation, mainly for 1888-89; also assessed valuation per capita of total population.

| State or Territory. | Permanent school fund. | | Assessed value of all taxable property. | | |
|----------------------------------------|--------------------------|------------------------------|-----------------------------------------|--------------------------------------------|---------------------------------------|
| | Amount yielding revenue. | Amount not yielding revenue. | Total assessed valuation. | Increase or decrease since preceding year. | Value per capita of total population. |
| 1 | 2 | 3 | 4 | 5 | 6 |
| United States <i>a</i> | \$129,149,436 | | \$23,722,789,763 | | \$389 |
| North Atlantic Division <i>a</i> | 20,552,356 | | 10,052,815,590 | | 591 |
| South Atlantic Division <i>a</i> | 2,411,299 | | 1,974,186,626 | | 228 |
| South Central Division..... | 32,792,624 | | 2,299,229,410 | | 216 |
| North Central Division..... | 67,422,855 | | 7,595,758,766 | | 317 |
| Western Division <i>a</i> | 5,969,312 | | 1,800,799,371 | | 647 |
| North Atlantic Division: | | | | | |
| Maine..... | 830,600 | | | | |
| New Hampshire..... | (<i>b</i>) | | 258,726,009 | | 694 |
| Vermont..... | <i>c</i> \$78,816 | | 157,192,262 | | <i>e</i> 473 |
| Massachusetts..... | 5,110,919 | | 1,992,804,101 | I... \$60,255,294 | 918 |
| Rhode Island..... | 273,330 | \$6,339 | | | |
| Connecticut..... | 2,023,754 | | 352,795,926 | I... 3,070,153 | 483 |

a The summaries of columns 4 and 6 include all the States and Territories except Alaska, those not reported being estimated.*b* Some local funds, amount not reported.*c* In 1887-88.*d* Also 23,823 acres of land.*e* In 1886-87.

TABLE 19.—*Permanent common school funds and total assessed valuation, etc.*—Continued.

| State or Territory. | Permanent school fund. | | Assessed value of all taxable property. | | |
|--------------------------------|--------------------------|------------------------------|-----------------------------------------|--------------------------------------------|---------------------------------------|
| | Amount yielding revenue. | Amount not yielding revenue. | Total assessed valuation. | Increase or decrease since preceding year. | Value per capita of total population. |
| 1 | 2 | 3 | 4 | 5 | 6 |
| North Atlantic Division—Con'd: | | | | | |
| New York | \$8,012,661 | | \$3,567,429,757 | I...\$98,229,812 | \$606 |
| New Jersey | ab3,422,276 | | c603,676,953 | I.. 16,759,593 | c440 |
| Pennsylvania | (d) | | 2,570,190,582 | | 500 |
| South Atlantic Division: | (d) | | | | |
| Delaware | | | | | |
| Maryland | | | 476,829,611 | I... 7,236,386 | 473 |
| District of Columbia | | | 127,214,025 | | 583 |
| Virginia | 1,191,027 | | 343,854,793 | | 210 |
| West Virginia | 619,962 | \$8,309 | c163,863,088 | I... 2,000,349 | c225 |
| North Carolina | 100,000 | (f) | 204,837,635 | D... 5,197,818 | 130 |
| South Carolina | 0 | | 143,420,016 | I... 3,433,862 | 130 |
| Georgia | 0 | | 357,167,458 | | 202 |
| Florida | 500,300 | (g) | 90,000,000 | I... 7,399,024 | 237 |
| South Central Division: | | | | | |
| Kentucky | 1,779,447 | | 498,423,606 | I... 6,869,417 | 272 |
| Tennessee | 2,512,500 | | 297,205,054 | | 173 |
| Alabama | e2,611,182 | e15,460 | 242,197,531 | I... 28,000,000 | 163 |
| Mississippi | 875,000 | (h) | 157,000,000 | I... 27,000,000 | 124 |
| Louisiana | 1,130,870 | | 208,076,914 | D... 3,848,837 | 193 |
| Texas | i19,424,737 | j196,662 | k729,000,000 | I...k41,000,000 | 338 |
| Arkansas | 458,883 | | 1167,326,305 | I...10,371,703 | 151 |
| North Central Division: | | | | | |
| Ohio | 4,302,766 | | 1,754,197,344 | I... 22,138,548 | 435 |
| Indiana | 9,766,787 | | 831,287,368 | | 384 |
| Illinois | m10,699,638 | | 792,197,542 | I... 7,285,668 | 212 |
| Michigan | 4,529,677 | | k1,030,000,000 | | 503 |
| Wisconsin | c2,905,274 | (n) | d581,294,749 | | 361 |
| Minnesota | 8,469,167 | (o) | 625,723,018 | | 496 |
| Iowa | 4,319,442 | | 522,567,000 | I... 16,839,429 | 279 |
| Missouri | p10,665,837 | | 753,522,160 | I... 33,145,794 | 287 |
| Dakota | (q) | (r) | 161,420,974 | I... 4,336,608 | 343 |
| Nebraska | cs5,677,061 | cl270,664 | 182,763,538 | | 186 |
| Kansas | 6,026,206 | 215,835 | 360,815,073 | I... 7,577,750 | 246 |
| Western Division: | | | | | |
| Montana | (q) | | 67,430,534 | I... 7,331,040 | 633 |
| Wyoming | (q) | | 32,089,613 | | 730 |
| Colorado | e612,507 | (eu) | 193,000,000 | I... 24,187,753 | 521 |
| New Mexico | (q) | | 43,151,920 | | 307 |
| Arizona | (q) | | | | |
| Utah | (q) | | 51,917,312 | I... 5,533,239 | 261 |
| Nevada | ev1,089,345 | | | | |
| Idaho | | | 25,000,000 | I... 3,500,000 | 326 |
| Washington | (q) | | 125,165,115 | I... 40,543,933 | 437 |
| Oregon | a1,302,060 | a2,634,500 | | | |
| California | 2,965,400 | 276,000 | 1,108,044,877 | I...152,589,038 | 951 |
| Alaska | | | | | |

a In 1886-87.

b This sum includes the value of riparian lands (\$1,089,833) leased at 6 per cent.

c In 1888.

d Not reported.

e In 1887-88.

f About 600,000 acres swamp land.

g 400,000 acres of land.

h 30,000 acres of Chickasaw lands.

i Also 7,000,000 acres of land under lease, estimated to be worth \$20,000,000.

j Also 22,000,000 acres of land. Total value of bonds, land notes, and lands unsold, \$100,000,000.

k Approximately.

l Two counties not reporting.

m This includes land under lease valued at \$4,753,289.

n 79,469 acres of land.

o 531,012 acres of land.

p Includes some local funds.

q School land not yet available.

r 1,715,009 acres of land estimated at \$9,929,902.

s Also 1,361,233 acres of land under lease.

t Also 655,431 acres of land.

u 1,245,728 acres of land.

v Including amount not yielding revenue.

CHAPTER XXIII.

DIGESTS OF STATE SCHOOL REPORTS.

ALABAMA.

[From Report for 1888-89 of State Superintendent Solomon Palmer]

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|---------------------------------------------------------|-----------|-----------|-----------------------|
| POPULATION AND ATTENDANCE. | | | |
| White population (7-21 years of age)..... | | 295,766 | ..... |
| Colored population (7-21 years of age)..... | | 226,925 | ..... |
| Total..... | | 522,691 | ..... |
| White pupils enrolled..... | 164,799 | 165,098 | I.....299 |
| Colored pupils enrolled..... | 102,490 | 105,166 | I.....2,616 |
| Total..... | 267,289 | 270,264 | I.....2,915 |
| Average daily attendance..... | 170,896 | 172,101 | I.....1,205 |
| Average term of county schools, in days..... | 68 | 69 | I.....1 |
| TEACHERS AND SALARIES. | | | |
| White male teachers employed in county schools..... | 2,368 | 2,476 | I.....108 |
| White female teachers employed in county schools..... | 1,850 | 1,472 | I.....122 |
| Colored male teachers employed in county schools..... | 1,290 | 1,315 | I.....25 |
| Colored female teachers employed in county schools..... | 585 | 653 | I.....68 |
| Total number of teachers in county schools..... | 5,593 | 5,916 | I.....323 |
| Average monthly salary of— | | | |
| White teachers in county schools..... | \$21.57 | \$21.14 | D.....\$0.43 |
| Colored teachers in county schools..... | 23.06 | 21.15 | D.....1.91 |
| White teachers in city schools..... | | 53.40 | ..... |
| Colored teachers in city schools..... | | 40.00 | ..... |
| Whole amount paid teachers..... | \$553,753 | \$562,599 | I.....\$8,846 |

According to the school census of August, 1889, there were 522,691 children between 7 and 21 years of age, an increase of 36,702 since the census of 1887; the average annual rate of increase for the two years was 3.76 per cent.

Meanwhile the enrollment increased during the year 1888-89 only 2,915, or 1.09 per cent.; and the school expenditure, \$6,689, or less than 1 per cent. The increase in enrollment and expenditure is not keeping pace with the increase in population. This is progress backwards. During the coming year, however, the State appropriation will be increased by \$100,000; still, the increase of educable children is so rapid that this addition to the school fund will not materially increase the amount apportioned per capita. A substantial enlargement of the school fund will be necessary to provide a sufficient number of country schools and to enable them keep open an average of over three and one-half months.

SIGNS OF PROGRESS.

On this point Superintendent Palmer says: "There is no denying the fact that there is an interest felt in our public-school system never felt before. The system is regarded, as it should be, as one of the prime factors in the material, social, moral, and intellectual advancement of the State. This was evidenced by the act of the last legislature in increasing the direct appropriation from the State treasury by \$100,000. It is shown by the unusual activity of county superintendents in holding county institutes, and by the teachers in their cheerful attendance upon these institutes. It is shown by the demand

of the people for well qualified and specially trained teachers to instruct their children. It is shown by a willingness, never seen before in most counties, to supplement the meager State appropriation. It is seen in all our towns and cities, where spacious school-houses and ample funds are being provided to run the schools continuously from eight to ten months each year. It is seen in the unusually large number of young men and women attending our normal schools to prepare themselves for teaching. It is seen in the interest manifested by the newspapers of the State in constantly keeping before the public the question of education. It is seen in the large attendance of young men and women in our higher institutions of learning, both public and church. Never in the past were the signs more favorable for a general educational advance throughout the State. When we remember that the close of the war found us without any means for the current expenses of running the State government, much less that of the public-school system, our wealth destroyed, our labor system demoralized, our people confronted with the gravest social and political problems that ever confronted any people, that no longer than fourteen years ago our State was groaning under an indebtedness of more than \$30,000,000—more than one-third of all the taxable values, real and personal, owned by her citizens—when we remember that six years ago the State only appropriated \$130,000 direct from her treasury for public schools, we certainly have just cause for feeling that much progress has been made, and that, too, in the face of most formidable difficulties.

"But while much has been accomplished, still more remains to be done. The progress of the past should not only encourage us, but should stimulate us to renewed efforts to make the educational facilities of our State equal to the constantly increasing demands upon it. Illiteracy still abounds, a menace to the State and a blot upon our civilization."

CITIES AND SEPARATE DISTRICTS.

The improvement in city schools is one of the most hopeful signs of advance made in the Southern public-school system. The cities are becoming the educational centers, from which will radiate the influences tending to elevate the standard of all the schools of the State. In Alabama "marked progress," says the superintendent, "is being made in the educational facilities of our cities and towns. In this regard, as might be expected, Birmingham takes the lead. During the past year Powell School has been furnished with an elegant school building at a cost of some \$60,000. A training department for teachers has been added to the high school. Other elegant buildings are being arranged for.

"Selma is building a fine brick public-school building on the site of Dallas Academy, costing \$18,000. Eufaula, Tuscumbia, and New Decatur are each building \$10,000 public-school buildings. Tuscaloosa has just finished a \$20,000 building for her public schools. Gadsden has procured a good building for her public school, which is just organized and gives promise of fine work. And so the good work goes on. Others might be mentioned, and no doubt still others will be heard from next year."

ARIZONA.

[From the Report of Governor Wolfley to the Secretary of the Interior, 1889.]

EDUCATION.

"The school system of Arizona is an excellent one, and is being liberally and fairly carried out. In every part of the Territory children are offered the advantage of free schools.

"The Territory has a Territorial university in process of construction, the portion for the school of mines being now nearly completed. There is also a Territorial normal school that has been established for several years and is doing well.

"Every town and county in the Territory is divided into school districts. The attendance is good, and the teachers employed are fully up to the average of teachers in Eastern public schools."

UNIVERSITY AND SCHOOL LANDS.

"There will be no time in the history of Arizona when these lands can be used with greater advantage for the objects desired and for the benefit of the Territory at large than the present. It is to be hoped that Congress will see fit to permit the Territory, under reasonable restrictions, to control these lands as large as the public surveys are extended over them and as they can be segregated from the public lands. Many of these sections are being now farmed by settlers without paying any revenue to the Territory. I think the right to lease and receive revenue in that way might safely be given."

COLORADO.

NEW LEGISLATION.

School term.—The minimum number of months the public schools are to be kept open has been increased from three to four.

Arbor Day.—The third Friday of April in each year is to be set apart as Arbor Day and to be a holiday in all public schools.

Child labor.—It is made unlawful for any person or corporation to employ any child under the age of fourteen years to labor during school hours, unless such child shall have attended some public or private day school where instruction was given by a teacher qualified to teach in the public schools of Colorado, or shall have been regularly instructed at home in such branches by some qualified person, at least twelve weeks in each year, eight of which at least shall be consecutive; and such child is to deliver to his employer a certificate to that effect signed by the teacher. Any person or corporation infringing this law is to be deemed guilty of a misdemeanor, and fined not less than twenty-five nor more than fifty dollars.

Compulsory attendance.—Persons having control of children between the ages of six and fourteen are required to send them to a public school, or to a private school taught by a competent instructor, at least twelve weeks in each year, at least eight of which shall be consecutive, unless such children are excused by board of school district on account of unfit bodily or mental condition. It is made the duty of school boards to furnish, at the charge of the school fund, necessary clothing for school children, if parents or guardians are unable to do so. Children may be taught at home in such branches as are usually taught in the public schools, subject to the same examination as public-school pupils. The law does not apply in case there is no school taught within two miles by the nearest traveled road.

Any person failing to comply with the provisions of the law shall upon conviction be deemed guilty of a misdemeanor and fined not less than five nor more than twenty-five dollars for each offense.

School directors are to inquire into all cases of neglect to send children to school, and ascertain from the person neglecting the reason therefor, and proceed immediately to secure the prosecution of any offense under the law. Any director neglecting to secure such prosecution within ten days after a written notice has been served on him by any taxpayer in his district, unless the person complained of shall be excused for any of the reasons above stated, shall be deemed guilty of a misdemeanor and fined not less than ten nor more than fifty dollars.

CONNECTICUT.

[From Report for 1888-89 of Charles D. Hine, Secretary of the State Board of Education.]

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|-----------------------------------------------------------------------|----------|----------|-----------------------|
| POPULATION AND ATTENDANCE. | | | |
| Number of children 4 to 16 years of age enumerated..... | 154,932 | 157,243 | I.....2,311 |
| Number of different pupils enrolled..... | 126,055 | 127,089 | I.....1,034 |
| Number of children 4 to 16 years of age not attending any school..... | 27,574 | 29,425 | I.....1,851 |
| Average attendance in winter..... | 83,856 | 85,455 | I.....1,599 |
| Average attendance in summer..... | 78,341 | 79,310 | I.....969 |
| Per cent. of enumerated children enrolled in schools..... | 81.36 | 80.82 | D......54 |
| SCHOOLS. | | | |
| Whole number of schools..... | 1,624 | 1,629 | I......5 |
| Average term of schools, in days..... | 179.08 | 180.32 | I.....1.24 |
| Number of high schools..... | 25 | 28 | I......3 |
| Number of graded schools..... | 361 | 362 | I......1 |
| Number of evening schools..... | 33 | 32 | D......1 |
| TEACHERS. | | | |
| Male teachers in winter..... | 493 | 468 | D.....25 |
| Female teachers in winter..... | 2,629 | 2,631 | I......2 |
| Male teachers in summer..... | 327 | 331 | I......4 |
| Female teachers in summer..... | 2,783 | 2,785 | I......2 |
| Teachers continued in the same schools..... | 2,677 | 2,719 | I......42 |
| Teachers having no previous experience..... | 898 | 378 | D......20 |
| Average monthly wages of male teachers..... | \$73.50 | \$74.47 | I.....\$.97 |
| Average monthly wages of female teachers..... | \$38.52 | \$39.31 | I.....\$.79 |

STATISTICAL SUMMARY—Continued.

| | 1887-88. | 1888-89. | Increase or decrease. |
|-----------------------------------------------------|-------------|-------------|-----------------------|
| SCHOOLHOUSES AND LIBRARIES. | | | |
| Number of schoolhouses built during the year..... | 16 | 12 | D..... 4 |
| Whole number in the State | 1,660 | 1,645 | D.....15 |
| Number reported in poor condition | 141 | 139 | D.....2 |
| Number of schools having libraries..... | 377 | 380 | I.....3 |
| Number of volumes in libraries..... | 56,819 | 57,786 | I.....967 |
| Amount of library money paid to the districts | \$8,830 | \$5,890 | I.....\$2,060 |
| EXPENDITURES. | | | |
| Teachers' wages..... | \$1,264,061 | \$1,291,473 | I.....\$27,412 |
| Cost of superintendence..... | 31,256 | 33,872 | I..... 2,616 |
| Building new schoolhouses | 124,598 | 226,190 | I.....101,592 |
| Libraries and apparatus | 11,334 | 15,331 | I..... 3,997 |
| Amount expended for other purposes | 413,830 | 417,388 | I..... 3,558 |
| Whole amount expended | 1,845,079 | 1,984,254 | I.....139,175 |
| PRIVATE SCHOOLS. | | | |
| Number reported | 152 | 206 | I.....54 |
| Number of high-school grade | 44 | 52 | I.....8 |
| Number of teachers in private schools..... | 490 | 646 | I.....156 |
| Whole number of pupils in private schools..... | 17,179 | 18,269 | I.....1,090 |

ENUMERATION AND ATTENDANCE.

Of the 157,243 children between 4 and 16 years of age enumerated in January, 1889, 127,089 are reported as attending public schools, 18,269 private schools, and 29,425 not attending school at all. The increase in the number of children attending private schools was slightly greater than the increase in the number attending public schools, and of course represented a much larger percentage of increase. Of the 27,335 not attending school, only 2,090 were between 8 and 14 years of age, the period of compulsory attendance. Many of those enrolled, however, attended very irregularly. This evil of irregularity is one of the most serious difficulties the schools have to encounter.

EMPLOYMENT OF CHILDREN.

By recent enactments the employment of children between eight and fourteen years of age is prohibited in nearly all the leading industries except that of agriculture. Thus by removing from parents the temptation to keep their children from school in order that they may earn a few dollars in some manufacturing establishment at a great expense to their future welfare, the laws requiring attendance at school have been materially strengthened. If the children can not be made to contribute to the gain of parents, but must remain at home in idleness, there will no longer be any inducement to keep them from school. The principle is now acknowledged that parents must not be allowed to deprive their children of the education which has been so liberally and freely provided for them, in order that they may gratify their own wishes and inclinations. Those parents who have a due regard for the welfare and improvement of their children will not object to a law provided for their benefit; but when parents are willing to sacrifice their children's interests for the sake of gain, it is time for the authority of the law to intervene to prevent it.

NEW BUILDINGS.

New school buildings have been erected in East Hartford, Glastonbury, New Haven, Cheshire, Naugatuck, Stonington, Bridgeport, Stamford, Torrington, Middletown, and Somers, at an expense of \$188,906. "The town of Windham has conveyed to the State a beautiful site of six acres in the borough of Willimantic. Very careful plans for a building have been made, and the basement walls are now built."

EXAMINATION OF THE PUBLIC SCHOOLS.

The board of education has been carrying on for three years an investigation into the actual results of the public schools. Some of these results were published in the State Report for 1887-88, and attracted widespread attention, disclosing as they did a highly unsatisfactory condition of the primary schools in New London County. The results of

a more particular examination of the graded schools of the same county are contained in the present report; they do not substantially modify the conclusions already reached. Two sets of specimens of penmanship are reproduced in facsimile. They are the work of the pupils of two different schools in the same town, and illustrate most forcibly the difference between good and poor teaching. "The difference," says Mr. Hine, "is wholly in the teaching. In justice to the children it must be said that they are not at fault. They have learned all they could. What is the just verdict upon a system which admits such inefficiency, and upon school officers who knowingly, year after year, not only permit but promote such an imposition upon helpless children?"

"About two-thirds of the teachers have a high-school education, which is a larger proportion than in ungraded schools. This does not appear to make much difference in the quality of the teaching; certainly, at first, no distinct advantage is noticeable.

"The standard for teachers' certificates is generally higher. In a few cases, examinations were conducted with a view to requiring moderate qualifications. In no place, however, is any training or professional skill required as a requisite for teaching. There are districts where no substantial qualification is demanded. Young women without training and education are legally approved and installed in school. They teach as well as they can."

EXAMINATION OF TEACHERS.

The number of persons examined who had applied for State certificates was 347; the number of certificates granted was 52. Hitherto applicants have only been examined to ascertain if they possessed the necessary attainments, but hereafter they will also be examined on the principles and methods of teaching.

TOWN MANAGEMENT OF SCHOOLS.

In 1866 a bill was passed permitting towns to adopt the town system of management of schools. Twenty-two towns are now operating their schools under this system. At the last session of the general assembly a bill nearly identical with the former in its provisions, but *requiring* the schools to be managed under the town plan, was presented.

LOCAL SCHOOL FUNDS.

It is now difficult to ascertain the origin of these different funds, many of them having been granted during the eighteenth century, but it has been ascertained that many of them arose from gifts or bequests of benevolent persons. The whole amount of these funds is now \$282,451, and all the losses since 1800 do not amount to more than \$10,000, in striking contrast with the history of the town deposit fund. About \$175,000 of the whole amount was given before the year 1800, and since the public schools began to be wholly supported by taxation in 1872 very little has been given. Nearly all of it has been donated for the benefit of secondary schools. A large portion of the local school funds is held in Hartford and New Haven Counties—in the former \$118,220, in the latter \$66,055.

NEW LEGISLATION.

The general assembly of 1889 enacted the following:

School term.—Public schools must be maintained at least thirty-six weeks each year in districts having a school population of over fifty, and at least thirty weeks in others, under penalty of forfeiting State school moneys; but no school need be kept where the average attendance the previous year was less than eight.

School libraries and apparatus.—Any town may purchase books and apparatus for the public schools, and every town so purchasing is entitled to receive from the State treasurer \$5 for each 100 pupils or fraction thereof in each of its schools.

State secretary.—The secretary of the State board of education is made *ex officio* a member of the school committee of every town and district having a school in which teachers are appointed by the State board.

Normal schools.—Two free normal schools are established, to be maintained at an expense to the State of not exceeding \$40,000 in the aggregate per annum.

Town management.—Any town adopting town control must retain it five years, instead of two as heretofore, before a vote is taken on the question of abandoning it.

DAKOTA.

[From Report of Territorial board of education for 1888-89, L. A. Rose superintendent.]

GENERAL STATEMENT.

Dakota was never so prosperous in educational affairs as in her last year under a Territorial government. The large school system of the Territory has been carried on without any other means of support than that of direct taxation. Numerous private schools have also been established and carried on; the people of Dakota will rival even those of Ohio in the relative number of private schools they are maintaining.

It is anticipated that a marked improvement will take place in the schools when the State governments are put into operation, owing to the new impetus that will be given to education from the sale of the school lands and the passage of uniform school laws.

SCHOOL LANDS.

The public schools of the two Dakotas will rest upon a much firmer basis from the fact that the lands donated by the General Government now become available for school purposes. The number of acres in these lands is 1,715,009, and the average value per acre is \$5.79, making the total value \$9,929,902. Some of the school lands are quite valuable, those in Yankton County being estimated at \$14.03 per acre, those in Cass at \$11.05, those in Clay at \$11, and those in Logan and Pembina at \$10.

TEACHERS.

One of the greatest disadvantages that Dakota has labored under heretofore has been a lack of well qualified teachers, but since the establishment of two public normal schools, one at Madison and the other at Spearfish, and of several private normal schools, this want will soon disappear. Many experienced teachers from the East are also constantly increasing the number in Dakota.

TOWNSHIP SYSTEM.

Another disadvantage has been a lack of uniformity in the school system; seventy-two counties operating their schools under the township plan, and sixteen under the district system. This has been a cause of much annoyance, but it is very probable that the township plan will soon be generally adopted.

GRADED SCHOOLS OF THE CITIES.

The graded schools will compare favorably with the best in the East, and their success is manifested to some extent by the large per cent. of the school population enrolled.

"These schools are all supplied with elegant and commodious buildings, the cost of which ranges from \$6,000 to \$80,000. As a general thing they have a good supply of apparatus with which to carry on their work. The best trained teachers that can be found are employed to teach in these schools and good salaries are paid. These schools are now ready to take rank with the best of their kind in any of the States."

STATISTICS.

The statistics for 1888-89, as given in the report of the board of education, bear so many internal evidences of unreliability resulting from incompleteness and typographical errors that they are not reproduced here. In the State tables (chapter XXII) the figures for 1887-88 are repeated.

PROVISIONS RELATING TO EDUCATION IN THE CONSTITUTION OF NORTH DAKOTA.

ARTICLE VIII.—Education.

A high degree of intelligence, patriotism, integrity, and morality on the part of every voter in a government by the people being necessary in order to insure the continuance of that government and the prosperity and happiness of the people, the legislative assembly shall make provision for the establishment and maintenance of a system of public schools which shall be open to all children of the State of North Dakota, and free from sectarian control. This legislative requirement shall be irrevocable without the consent of the United States and the people of North Dakota.

The legislative assembly shall provide at its first session after the adoption of this constitution for a uniform system of free public schools throughout the State, beginning with the primary and extending through all grades up to and including the normal and collegiate course.

In all schools instruction shall be given as far as practicable in those branches of knowledge that tend to impress upon the mind the vital importance of truthfulness, temperance, purity, public spirit, and respect for honest labor of every kind.

A superintendent of schools for each county shall be elected every two years, whose qualifications, duties, powers, and compensation shall be fixed by law.

The legislative assembly shall take such other steps as may be necessary to prevent illiteracy, secure a reasonable degree of uniformity in course of study, and to promote industrial, scientific, and agricultural improvement.

All colleges, universities, and other educational institutions for the support of which lands have been granted to this State, or which are supported by a public tax, shall remain under the absolute and exclusive control of the State. No money raised for the support of the public schools of the State shall be appropriated to or used for the support of any sectarian school.

ARTICLE XIX.—*Public Institutions.*

The following public institutions of the State are permanently located at the places hereinafter named, each to have the lands specifically granted to it by the United States in the act of Congress approved February 22, 1889, to be disposed of and used in such manner as the legislative assembly may prescribe, subject to the limitations provided in the article on school and public lands contained in this constitution:

First. The seat of government at the city of Bismarck, in the county of Burleigh.

Second. The State university and the school of mines at the city of Grand Forks, in the county of Grand Forks.

Third. The agricultural college at the city of Fargo, in the county of Cass.

Fourth. A State normal school at the city of Valley City, in the county of Barnes; and the legislative assembly in apportioning the grant of 80,000 acres of land for normal schools made in the act of Congress referred to, shall grant to the said normal school at Valley City as aforementioned, 50,000 acres, and said lands are hereby appropriated to said institution for that purpose.

Fifth. The deaf and dumb asylum at the city of Devils Lake, in the county of Ramsey.

Sixth. A State reform school at the city of Mandan, in the county of Morton.

Seventh. A State normal school at the city of Mayville, in the county of Traill; and the legislative assembly, in apportioning the grant of land made by Congress in the act aforesaid for State normal schools, shall assign 30,000 acres to the institution hereby located at Mayville, and said lands are hereby appropriated for said purpose.

Eighth. A State hospital for the insane, and an institution for the feeble-minded in connection therewith, at the city of Jamestown, in the county of Stutsman; and the legislative assembly shall appropriate 20,000 acres of the grant of land made by the act of Congress aforesaid for "other educational and charitable institutions" to the benefit and for the endowment of said institution.

The following named public institutions are hereby permanently located as hereinafter provided, each to have so much of the remaining grant of 175,000 acres of land made by the United States for "other educational and charitable institutions," as is allotted below, viz:

First. A soldiers' home, when located, or such other charitable institution as the legislative assembly may determine, at Lisbon, in the county of Ransom, with a grant of 40,000 acres of land.

Second. A blind asylum, or such other institution as the legislative assembly may determine, at such place in the county of Pembina as the qualified electors of said county may determine at an election to be held as prescribed by the legislative assembly, with a grant of 30,000 acres.

Third. An industrial school and school for manual training, or such other educational or charitable institution as the legislative assembly may provide, at the town of Ellendale, in the county of Dickey, with a grant of 40,000 acres.

Fourth. A school of forestry, or such other institution as the legislative assembly may determine, at such place in one of the counties of McHenry, Ward, Bottineau, or Rolette as the electors of said counties may determine by an election for that purpose, to be held as provided by the legislative assembly.

Fifth. A scientific school, or such other educational or charitable institution as the legislative assembly may prescribe, at the city of Wapeton, county of Richland, with a grant of 40,000 acres.

Provided that no other institution of a character similar to any one of those located by this article shall be established or maintained without a revision of this constitution.

PROVISIONS RELATING TO EDUCATION IN THE CONSTITUTION OF SOUTH DAKOTA.

ARTICLE VIII.—*Education and school lands.*

The stability of a republican form of government depending upon the morality and intelligence of the people, it shall be the duty of the legislature to establish and maintain a general and uniform system of public schools wherein tuition shall be without charge, and equally open to all, and to adopt all suitable means to secure to the people the advantages and opportunities of education.

All proceeds of the sale of public lands that have heretofore been or may hereafter be given by the United States for the use of public schools in the State; all such per centum as may be granted by the United States on the sales of public lands; the proceeds of all property that shall fall to the State by escheat; the proceeds of all gifts or donations to the State for public schools or not otherwise appropriated by the terms of the gift; and all property otherwise acquired for public schools, shall be and remain a perpetual fund for the maintenance of public schools in the State. It shall be deemed a trust fund held by the State. The principal shall forever remain inviolate, and may be increased, but shall never be diminished, and the State shall make good all losses thereof which may in any manner occur.

The interest and income of this fund, together with the net proceeds of all fines for violation of State laws and all other sums which may be added thereto by law, shall be faithfully used and applied each year for the benefit of the public schools of the State, and shall be for this purpose apportioned among and between all the several public school corporations of the State in proportion to the number of children in each, of school age, as may be fixed by law; and no part of the fund, either principal or interest, shall ever be diverted, even temporarily, from this purpose or used for any other purpose whatever than the maintenance of public schools for the equal benefit of all the people of the State. * * *

The legislature shall make such provisions by general taxation, and by authorizing the school corporations to levy such additional taxes as with the income from the permanent school fund shall secure a thorough and efficient system of common schools throughout the State.

No appropriation of lands, money, or other property or credits to aid any sectarian school shall ever be made by the State or any county or municipality within the State, nor shall the State or any county or municipality within the State accept any grant, conveyance, gift, or bequest of lands, money, or other property to be used for sectarian purposes, and no sectarian instruction shall be allowed in any school or institution aided or supported by the State.

No teacher, State, county, township, or district school officer shall be interested in the sale, proceeds, or profits of any book, apparatus, or furniture used or to be used in any school in this State under such penalties as shall be provided by law.

ARTICLE XIV.—*State institutions.*

The charitable and penal institutions of the State of South Dakota shall consist of a penitentiary, insane hospital, a school for the deaf and dumb, a school for the blind, and a reform school.

The State institutions provided for in the preceding section shall be under the control of a State board of charities and corrections, under such rules and restrictions as the legislature shall provide; such board to consist of not to exceed five members, to be appointed by the governor and confirmed by the senate, and whose compensation shall be fixed by law.

The State university, the agricultural college, the normal schools, and all other educational institutions that may be sustained either wholly or in part by the State shall be under the control of a board of nine members, appointed by the governor and confirmed by the senate, to be designated the regents of education. They shall hold their office for six years, three retiring every second year. The regents, in connection with the faculty of each institution, shall fix the course of study in the same. The compensation of the regents shall be fixed by the legislature.

The regents shall appoint a board of five members for each institution under their control, to be designated the board of trustees. They shall hold office for five years, one member retiring annually. The trustees of each institution shall appoint the faculty of the same, and shall provide for the current management of the institution, but all appointments and removals must have the approval of the regents to be valid. The trustees of the several institutions shall receive no compensation for their services, but they shall be reimbursed for all expenses incurred in the discharge of their duties, upon presenting an itemized account of the same to the proper officer. Each board of trustees, at its first meeting, shall decide by lot the order in which its members shall retire from office.

The legislature shall provide that the science of mining and metallurgy be taught in at least one institution of learning under the patronage of the State.

DISTRICT OF COLUMBIA.

[From Report for 1888-89 of the board of trustees.]

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|--------------------------------------------------------------|------------|----------|-----------------------|
| White pupils enrolled..... | 22,054 | 22,760 | I .....706 |
| Colored pupils enrolled..... | 12,796 | 13,004 | I .....208 |
| Whole number..... | 34,850 | 35,764 | I .....914 |
| Average daily attendance of white pupils..... | 16,974 | 17,766 | I .....792 |
| Average daily attendance of colored pupils..... | 9,538 | 9,853 | I .....315 |
| Total average daily attendance..... | 26,512 | 27,619 | I .....1,107 |
| Whole number of teachers employed..... | 654 | 680 | I .....26 |
| Teachers employed in Washington High School (white)..... | 30 | 33 | I .....3 |
| Average annual salary paid..... | \$846.64 | \$866.51 | I .....\$19.87 |
| Cost of tuition per pupil (based on average enrollment)..... | \$27.81 | \$25.83 | D .....\$1.98 |
| Teachers employed in the colored high school..... | 9 | 11 | I .....2 |
| Average annual salary paid..... | \$1,074.44 | \$975.45 | D .....\$98.99 |
| Cost of tuition per pupil (based on average enrollment)..... | \$33.69 | \$32.12 | D .....\$1.57 |
| White teachers employed in grammar and primary schools..... | 377 | 388 | I .....11 |
| Colored teachers employed in grammar and primary schools.... | 201 | 207 | I .....6 |
| Average annual salary paid the white teachers..... | \$651.26 | \$653.62 | I .....\$2.36 |
| Average annual salary paid the colored teachers..... | \$583.31 | \$580.12 | D .....\$3.19 |

The reports of the board of trustees and superintendents show that the public schools of the District of Columbia are in an excellent condition; that, judging from the frequent expressions of approval and high commendation of their results and the interest manifested by the pupils in their work, they are meeting with great success. Any child of the District, from the time it is able to grasp the rudiments of an education, can enter a public school, where it will be placed under the instruction of a skillful teacher; it can pass from grade to grade, fully comprehending the studies of each without any unreasonable mental exertion, until at last the boy or girl graduates from the high school with a thorough English education and, perhaps, some knowledge of higher branches, and fully equipped for any of the ordinary avocations. Or, if he has been deprived of educational advantages in his childhood and is now required to support himself, he still finds the doors of the evening schools open to him, where he can spend an hour both profitably and pleasantly. The citizens of the District may justly take great pride in their educational facilities.

ACCOMMODATIONS.

During the last three years much has been done by the erection and extension of buildings to accommodate the number of pupils attending; so that, while 12,089 out of the 32,336 pupils attending school three years ago were limited to half-day sessions, during the year under review only 6,000 out of 35,764 pupils were limited to half-day sessions. If these extensions shall be continued a year or two longer, provision will then have been made for all the pupils, and thereafter it will only be necessary to provide for the ordinary increase.

The building now used for the colored high school is inconveniently situated for the pupils attending it, and is needed for pupils of lower grades in the immediate neighborhood.

Although an additional building containing twelve class rooms, an armory, a library, and laboratories, has just been erected for the Washington High School, there has been so great an increase in the number of pupils that additional room is still needed. The enrollment in 1888-89 was 1,107, but in the session of 1890 there have already been enrolled 1,400 pupils, and it is probable that in 1890-91 the number will reach 1,600. This is a larger number than can be accommodated or conveniently supervised, and it is therefore suggested that one of two courses be adopted—that the first grade in the high school be relegated to the grammar schools and be made to constitute a ninth grade, or, else, that two new high-school buildings be erected, one on Capitol Hill, the other in Georgetown. The first method could be adopted as a temporary expedient, but the second is the only one that can permanently remove the difficulty. This would also place a high school within the reach of a large number of pupils who are now under the necessity of walking a long distance or of paying street-car fares. In either case much time is lost.

TEACHERS' SALARIES.

One of the most urgent needs to be supplied is an increase in the salaries of teachers, especially of the high-school teachers. Not only do they deserve higher salaries, but it is found that they can not otherwise be retained. With a few exceptions, all of the accomplished teachers employed in the Washington High School four years ago have resigned in order to accept more lucrative positions. Nearly all of these teachers are leading graduates of such institutions as Dartmouth College, Johns Hopkins University, Amherst, Vassar, Cornell, Wellesley, and the Columbian University, and after an experience of one or two years they can easily command a higher salary than the present restrictions permit. It is true that the average salary paid teachers here is equal to that paid in other cities, but there are conditions existing here which are not found there. In other cities there are manufacturing and other enterprises which call for the work of the larger boys and girls, consequently they are withdrawn from the schools. But here nearly all of the pupils continue through the fifth grade, and about two-thirds of them continue through the entire course. A great many children here are sent to private schools for two or three years and then enter the public schools. For these reasons we find the proportion of pupils in the higher grades here much larger than in other cities. Consequently the average salary should be larger.

EVENING SCHOOLS.

These schools had a larger attendance than ever before and many of those who formerly attended showed their appreciation of and interest in them by returning again. These schools furnish educational opportunities to many boys and girls who labor during the day, and also to many adults. The course of studies should be enlarged and some forms of manual training, such as cooking and sewing, should be included.

MANUAL TRAINING.

The introduction of manual training into the schools has proved eminently satisfactory; it has not only not retarded the progress of the pupils but has seemed to give them increased interest in their studies. Many useful lessons were given in cooking and sewing, and the general report is that the parents heartily indorse it and the pupils enjoy a change from the regular routine. In the Washington High School 200 pupils in the first and second year classes, who had not taken cooking lessons the year before, received instruction.

FREE TEXT-BOOKS.

Text-books are loaned to pupils whose parents declare their inability to purchase them, but there are many parents who dislike to make such a statement, although they

could truthfully do so. It often occurs, too, that children are withdrawn from school when they reach the higher grades on account of the expense of text-books. For these and other reasons it is thought best that free text-books be furnished to the pupils; the expense after the first year would probably be less than one dollar per pupil.

SCHOOL DAY.

It is suggested that the school day of the primary schools be extended to four and one-half hours, closing at 3 p. m. This is particularly desirable in the suburban schools, where many of the children in the primary grades are quite large.

SUPERVISION.

The supervisors of the schools are intelligent and capable and are diligent in their work, but on account of the large number of schools they must supervise, and the number is continually increasing, it is impossible for them to give the close and careful attention which each school deserves. The number of supervisors is much smaller in proportion than the number employed in other cities. At least two additional supervisors are needed at present.

FLORIDA.

[From Report for 1888-89 of State Superintendent Albert J. Russell.]

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|---------------------------------------------------|-----------|-----------|-----------------------|
| Number of white schools..... | 1,536 | 1,691 | I.....155 |
| Number of colored schools..... | 512 | 598 | I.....86 |
| Whole number of schools..... | 2,048 | 2,289 | I.....241 |
| Number of white children enrolled..... | 49,713 | 53,417 | I.....3,699 |
| Number of colored children enrolled..... | 32,605 | 32,591 | D.....14 |
| Whole number enrolled..... | 82,323 | 85,008 | I.....2,685 |
| Whole number in average daily attendance..... | 56,539 | 63,652 | I.....7,122 |
| Whole number of teachers..... | 2,413 | 2,593 | I.....180 |
| Amount received for schools from local taxes..... | \$377,233 | \$387,000 | I.....\$9,762 |
| Amount received from common school fund..... | 32,064 | 37,000 | I.....4,936 |
| Amount received from State taxes..... | 74,808 | 76,000 | I.....1,192 |

The people of Florida are to be congratulated upon the excellent school facilities with which they are now provided; all the children of the State, both white and colored, are within easy access of a school, and high schools are being established in every county, so that boys and girls who complete the course of the ordinary common schools may continue their education still further. The people are taking great interest in the schools and appreciate the advantages derived from them. All of the public school funds, except \$37,000 derived from the proceeds of lands, are raised by taxation. New school-houses, well planned with regard to light and ventilation, are being constructed wherever needed and provided with the most improved furniture. The school officers, although not experienced teachers in all cases, are good business men, energetic and faithful, and ever on the alert to improve their schools.

COUNTY HIGH SCHOOLS.

It is the aim at present to organize and operate in every county one free high school at the county site or some more suitable place, and when the counties shall have increased in wealth and population other high schools may be established. Several of the most enterprising counties have already established such high schools and they are giving great satisfaction. These schools are designed to fit their pupils for business pursuits or for entrance into colleges.

INDUSTRIAL TRAINING.

The State board of education, being convinced of the importance of this subject, in 1886 called the attention of county superintendents and boards of instruction to the importance of giving boys in the public schools some lessons in the handling and use of tools, and of instructing girls in cooking, sewing, etc. One difficulty encountered is the scarcity of teachers capable of giving such instruction. It is now taught, however, in the agricultural and normal colleges, and in several of the city schools.

REFORM SCHOOL.

The attention of the legislature was called to the importance of establishing a reform school where vagrant and vicious boys and girls might be taken in charge and educated. At present, when a boy at school is found to be ungovernable he is dismissed, and thus the probabilities are that he will grow still worse. Such a school should be separated from the evil influences of city life, and the pupils should not only be instructed in the ordinary branches of an education, but they should be taught different trades, so that they would afterwards be enabled to lead honorable lives.

ARBOR DAY.

The 14th day of February was appointed as Arbor Day, and the county superintendents were instructed to see that the day was properly observed. The number of schools observing the day was 476, the number of pupils participating 13,468, and the number of trees planted was 5,353. Oaks, cedars, magnolias, hickories, and fruit trees were planted, and, in addition, many church premises and cemeteries were cleaned up.

NOTE.—We quote the following from a letter of a superintendent of schools in Florida: "We have about 200 pupils in the ——— schools, with no State or county funds from which to obtain *anything* but *advice* and *teachers' salaries*, the school buildings and seats, which cost \$6,000, being the gift of private citizens."

IDAHO.

[From Special Report for 1888-89 of Superintendent Charles C. Stevenson.]

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|--------------------------------------------|-----------|-----------|-----------------------|
| POPULATION AND ATTENDANCE. | | | |
| Boys of school age (5-21)..... | 10,290 | 12,386 | I.....2,096 |
| Girls of school age (5-21)..... | 9,704 | 11,685 | I.....1,981 |
| Whole number of school age..... | 19,994 | 24,071 | I.....4,077 |
| Whole number of pupils enrolled..... | 10,433 | 12,678 | I.....2,245 |
| SCHOOLS, HOUSES, AND LIBRARIES. | | | |
| Number of schools..... | 365 | 434 | I.....69 |
| Number of schoolhouses..... | 254 | 294 | I.....40 |
| Number of libraries..... | 12 | 21 | I.....9 |
| Volumes in libraries..... | 1,797 | 2,211 | I.....414 |
| Average duration of schools in months..... | 4 | 5.5 | I.....1.5 |
| TEACHERS. | | | |
| Number of men teaching..... | | 159 | ..... |
| Number of women teaching..... | | 275 | ..... |
| Average monthly wages of teachers..... | | \$49 | ..... |
| RECEIPTS AND EXPENDITURES. | | | |
| Amount received for school purposes..... | \$153,513 | \$198,782 | I....\$40,269 |
| Amount expended for school purposes..... | 129,980 | 160,580 | I.....30,600 |

MORMONS AS PUBLIC SCHOOL TEACHERS.

During the year the question arose whether Mormons were legally qualified to teach school. Superintendent Stevenson decided that "inasmuch as the law declared that no certificate should be granted to any person who is not known to be a law-abiding citizen and of good moral character it was the duty of the county superintendent to reject any applicant who failed in the above particular, notwithstanding the fact that the applicant had passed a satisfactory examination; that all persons who indulged in practices prohibited by law or who belong to or aid, support, or assist in the support of or encourage any order, organization, or association that teaches such practices so prohibited by law, or who teach, counsel, or advise any person to belong to such an order or organization, were not law-abiding citizens within the meaning of the law, and could not be allowed to teach in the public schools or draw public money."

DISTURBANCES.

"In the southern counties, commonly known as the Mormon counties, there is a decided opposition to the public school system manifested by members of the organization known as 'The Church of Jesus Christ of Latter-Day Saints,' or Mormons.

"This sect, dominating the souls, minds, and actions of its devotees, has used and is still using its influence against the successful operation of the school laws. Many Mormons refuse to send their children to school unless the teacher is of the same faith. Every Mormon from childhood up is a teacher, compelled to teach their peculiar doctrines to all who will listen, especially to those under him. This being the case, it is no wonder that 'Gentiles' refuse to allow their children to be placed under such influences. Thus the public school is between two fires, but is gradually getting out. The strong hand of the law is too powerful for such a state of affairs to last long, and soon the cause of free education will shed its light in the dark paths of intolerance and priestcraft. The school offices are gradually getting into the control of the 'Gentiles,' and the result in each district is an awakening of educational interest.

"An act was passed at the last session of the legislature compelling all who withdrew from such an organization to declare their intentions before the clerk of the district court, and they can not vote until two years have elapsed thereafter. This is made applicable to all elections."

SCHOOLHOUSES.

"During the school year ending August 31, 1889, it has been very gratifying to observe the awakened interest regarding the building of new and commodious schoolhouses. As will be seen in an accompanying table, there has been an increase of thirty-five schoolhouses, and they for the most part have been erected on sites the title of which is vested in the district. There seems to be a growing desire for the districts to own the realty. A great many districts have erected their schoolhouses on Government land, from which they can be and are often moved at the whim of the board of trustees. When, however, the district owns the land the building is anchored, so to speak, and the grounds become the subject of ornamentation and decoration. Thousands of trees were planted with interesting ceremonies on Arbor Day, which in a few years will beautify and adorn these temples of education."

"In some counties there is a decided opposition to the public schools, unless they are in control of the religious denomination which is most numerous. Many schoolhouses are erected by popular subscriptions, and are used alike for school and religious purposes. In many districts the buildings are owned by religious organizations and are rented by the district. In Bear Lake County twelve out of the fifteen districts rent buildings from the peculiar sect there prevalent and dominating. Five are thus rented in Oneida County. Under such circumstances the power of the church is thrown against the erection of public schoolhouses, and the course of public education is trampled under the foot of religious fanaticism."

"Probably the most substantial and beautiful educational structure in Idaho is situated at Boise City, being the property of an independent district. Hailey and Bellevue are not far behind. Lewiston and Moscow possess large three-story frame buildings, endowed with all of the latest improvements. Beautiful and creditable schoolhouses have been erected at Caldwell, Shoshone, Idaho City, Ketchum, Pocatello, Blackfoot, Eagle Rock, Salmon City, Genesee, and Albion. Elegant buildings are under process of construction at Rathdrum, Weiser City, and other points. Many districts are adding the latest globes, physiological and historical charts, geographical maps, dictionaries, and other appliances."

INDEPENDENT DISTRICTS.

A general law for the establishment of independent school districts has been "enacted by the legislature, with a view of providing better educational facilities for special localities. Any school district which has within its limits taxable property of the amount of \$200,000 or over may be organized into an independent school district. It then has power to sue and be sued, to have a corporate seal, to hold and convey such real and personal property only as is needed for actual school purposes, and to choose such officers as are provided by law. The board of trustees have complete control within the powers delegated to them by law."

Two districts have been already organized under this law in addition to Boise City and Lewiston, which had previously been organized under special enactments.

SCHOOL LANDS.

The lands reserved for the support of the public schools amount to 970,240 acres. These lands will not become available until Idaho is admitted as a State into the Union.

WOMEN AS COUNTY SUPERINTENDENTS.

An act approved January 25, 1889, provides that no person elected to the office of county superintendent shall be disqualified from holding such office on account of sex.

IOWA.

[From Report for 1887-88 and 1888-89 of State Superintendent Henry Sabin.]

STATISTICAL STATEMENT.

| | 1887-88. | 1888-89. | Increase or decrease. |
|------------------------------------------------------|-------------|-------------|--------------------------|
| POPULATION AND ATTENDANCE. | | | |
| Population 5 to 21 years of age..... | 639,248 | 649,606 | I.....10,358 |
| Enrolled in public schools..... | 477,184 | 489,229 | I.....12,045 |
| Total average attendance..... | 291,070 | 304,856 | I.....13,786 |
| Average cost of tuition per month..... | \$1.83 | \$1.79 | D.....\$.04 |
| SCHOOLS AND SCHOOLHOUSES. | | | |
| Number of ungraded schools..... | 12,065 | 12,088 | I.....23 |
| Number of graded schools..... | 3,400 | 3,523 | I.....123 |
| Average duration of schools in months..... | 7.7 | 7.7 | |
| Number of schoolhouses..... | 12,752 | 12,879 | I.....127 |
| TEACHERS. | | | |
| Men engaged in teaching..... | 5,595 | 5,432 | D.....163 |
| Women engaged in teaching..... | 19,518 | 20,361 | I.....843 |
| Average monthly salary of men..... | \$36.44 | \$37.52 | I.....\$1.08 |
| Average monthly salary of women..... | 30.05 | 30.37 | I......32 |
| EXPENDITURES. | | | |
| Teachers' salaries..... | \$4,107,102 | \$4,197,165 | I.....\$90,063 |
| Schoolhouses, grounds, libraries, and apparatus..... | 1,251,198 | 1,582,777 | I.....331,579 |
| Fuel and other contingent expenses..... | 1,048,269 | 1,068,186 | I.....19,917 |
| Total expenditures..... | 6,406,569 | 6,848,128 | I.....441,559 |

a Include payments on bonded indebtedness.

TEMPERANCE INSTRUCTION.

Reports from every county in the State indicate that there is a very general desire to administer the law faithfully. Considering the difficulties naturally arising when a new branch is introduced into the course of study, the progress made is very encouraging. The attention the subject received last year in institutes greatly assisted teachers in their work. Much more will be accomplished during the coming year.

The superintendent recommends a law making it a misdemeanor, punishable by a heavy fine, to sell tobacco in any form to a minor under sixteen years of age.

NUMBER OF CHILDREN NOT ATTENDING SCHOOL.

In response to a resolution of the general assembly the following information regarding the number of children between 8 and 16 years not attending school in city independent districts was furnished by the State superintendent:

| | |
|------------------------------------------------------------|--------|
| Total number of children between the ages of 8 and 16..... | 96,392 |
| Number at work in stores, shops, and factories..... | 6,740 |
| Number not in a school of any kind..... | 13,077 |

It is true that in some instances the results have been estimated, but they are sufficient to determine the fact that in all the cities there is a large number of children who are not in attendance upon any school. This number would undoubtedly be greatly increased if made to include those who have not been in attendance at school for twelve consecutive weeks during the past year.

As a result, the enactment of a stringent compulsory attendance law is recommended, regulating also the employment at labor of children of school age.

THE TOWNSHIP SYSTEM.

The adoption of the township system of organization is strongly urged. It is remarked that if the people of the State could be made to understand how much time, and money, and strength is wasted in carrying the present complex system into effect, and how much the efficiency of the schools could be increased by the adoption of the civil township as the unit, they would demand that the legislature take immediate steps toward accomplishing that result.

The reports for 1889 show that the money which is paid out for school purposes must pass through the hands of about 4,650 school-district treasurers; that the orders upon which it is paid out must be drawn and signed by 4,650 secretaries, and that they must also be signed by an equal number of presidents of boards of directors. Thus, under the present system, it requires some part of the time of about 13,950 different persons before the money reaches those to whom it is due. It is a fair estimate that, including officers, directors, and subdirectors, it requires over 25,000 persons to manage school affairs.

ENUMERATION AND APPORTIONMENT.

It is recommended that the enumeration of school children be made every alternate year instead of annually; also that the apportionment of school moneys be made upon the basis of average attendance instead of school population; the money would thus reach those schools in which there is the most work to be done on account of the large number of pupils. In fact such an enactment, together with one providing for free textbooks, would doubtless increase the attendance and act as a very efficient auxiliary to a compulsory law.

KENTUCKY.

[From Report of State Superintendent Jos. Desha Pickett for 1887-89.]

STATISTICAL SUMMARY.

| | White. | | | Colored. | | |
|------------------------------------------------------------------------------------|-------------|-------------|-----------------------|-----------|-----------|-----------------------|
| | 1887-88. | 1888-89. | Increase or decrease. | 1887-88. | 1888-89. | Increase or decrease. |
| School districts | 6,638 | 6,699 | I.....61 | 1,011 | 1,029 | I.....18 |
| Districts in which schools were taught five months or more..... | 5,329 | 5,424 | I.....95 | 774 | 760 | D.....14 |
| Districts in which schools were not taught..... | 20 | 20 | 0 | 25 | 30 | I.....5 |
| Children of 6 to 20 years..... | 549,727 | 555,809 | I.... 6,082 | 107,170 | 109,158 | I.....1,988 |
| Highest number of children attending school..... | 288,024 | 288,460 | I.....436 | 42,811 | 42,526 | D.....285 |
| Average number of children attending school..... | 192,594 | 193,721 | I....1,127 | 28,455 | 28,833 | I.....378 |
| Male teachers..... | 3,959 | 3,910 | D.....49 | 615 | 593 | D.....17 |
| Female teachers..... | 3,599 | 3,781 | I.....182 | 544 | 602 | I.....58 |
| Whole number of teachers..... | 7,558 | 7,691 | I.....133 | 1,159 | 1,200 | I.....41 |
| Average monthly wages of teachers: | | | | | | |
| In counties..... | \$31.21 | \$32.76 | I....\$1.55 | \$34.87 | \$37.82 | I....\$2.95 |
| In graded common schools, males..... | 131.51 | 126.11 | D.... 5.39 | 59.85 | 67.35 | I.....7.50 |
| In graded common schools, females..... | 48.21 | 48.22 | I......01 | 42.69 | 42.77 | I......07 |
| Average compensation of county superintendents..... | 454.61 | 531.06 | I....76.45 | | | |
| Teachers not having had previous experience..... | 1,149 | 1,163 | I.....14 | 153 | 161 | I.....8 |
| Schoolhouses: | | | | | | |
| Log..... | 2,861 | 2,718 | D.....143 | 335 | 345 | I.....10 |
| Frame..... | 3,361 | 3,594 | I.....233 | 386 | 443 | I.....57 |
| Brick..... | 163 | 175 | I.....12 | 20 | 21 | I.....1 |
| Stone..... | 7 | 6 | D.....1 | 0 | 0 | 0 |
| Total..... | 6,392 | 6,493 | I.....101 | 741 | 809 | I.....68 |
| Total value of school property..... | \$2,068,605 | \$3,226,564 | I..\$257,959 | \$265,337 | \$257,027 | I....\$21,690 |
| Schoolhouses built during the year..... | 378 | 382 | I.....4 | 32 | 24 | D.....8 |
| Value of same..... | \$169,103 | \$140,466 | D..\$28,637 | \$32,845 | \$20,512 | D....\$12,333 |
| Private schools..... | 526 | 491 | D.....35 | 7 | 17 | I.....10 |
| Private academies or high schools..... | 72 | 91 | I.....19 | 3 | 2 | D.....1 |
| Colleges..... | 48 | 51 | I.....3 | 1 | 1 | 0 |
| Universities..... | 4 | 4 | 0 | 0 | 0 | 0 |
| Amount apportioned by the State..... | \$1,044,481 | \$1,139,408 | I..\$94,927 | \$203,623 | \$223,774 | I....\$20,151 |
| State per capita..... | 1.90 | 2.05 | I......15 | 1.90 | 2.05 | I......15 |
| Amount raised by district taxation, subscription, etc..... | 553,835 | 672,563 | I..113,727 | 22,646 | 39,228 | I....16,582 |
| Average per capita from same..... | 1.01 | 1.20 | I......19 | .21 | .36 | I......15 |
| Interest on county bond and surplus distributed..... | 26,656 | 22,582 | D....4,074 | 0 | 5,222 | I.....5,222 |
| Average per capita from same..... | .04 | .04 | 0 | 0 | .04 | I......04 |
| Paid for permanent improvements (sites, buildings, repairing, and furnishing)..... | 242,211 | 283,447 | I....41,236 | 36,400 | 37,662 | I.....1,262 |
| Paid for teachers' salaries..... | 1,319,081 | 1,410,441 | I....91,360 | 223,511 | 248,584 | I.....25,073 |

a State per capita for 1889-90, \$2.15; 1890-91, \$2.25.

LOUISIANA.

[From the Biennial Report of State Superintendent Jos. A. Breaux for the years 1888 and 1889.]

STATISTICAL SUMMARY.

| | 1888. | 1889. | Increase or decrease. |
|-----------------------------------|-----------|-----------|-----------------------|
| SCHOOLS. | | | |
| Number of schools in the State: | | | |
| White | 1,380 | 1,535 | I.....155 |
| Colored | 729 | 741 | I.....12 |
| Length of school term, in months: | | | |
| White | 4.75 | 5.50 | I......75 |
| Colored | 4.55 | 4.72 | I......17 |
| PUPILS. | | | |
| Number of pupils enrolled: | | | |
| White | 72,568 | 84,456 | I.....11,888 |
| Colored | 49,276 | 48,137 | D.....1,139 |
| Total | 121,844 | 132,593 | I.....10,749 |
| Average attendance: | | | |
| White | 51,343 | 54,222 | I.....2,879 |
| Colored | 35,643 | 37,844 | I.....2,201 |
| Total | 86,986 | 92,066 | I.....5,080 |
| TEACHERS. | | | |
| Number of white teachers: | | | |
| Male | 660 | 716 | I.....56 |
| Female | 1,135 | 1,203 | I.....68 |
| Number of colored teachers: | | | |
| Male | 509 | 515 | I.....6 |
| Female | 231 | 236 | I.....5 |
| Average monthly salary: | | | |
| White males | \$34.09 | \$36.31 | I.....\$2.22 |
| White females | 31.20 | 32.16 | I......96 |
| Colored males | 28.37 | 29.85 | I.....1.48 |
| Colored females | 27.67 | 26.53 | D.....1.14 |
| PRIVATE SCHOOLS. | | | |
| Number of private schools: | | | |
| White | 192 | 364 | I.....172 |
| Colored | 15 | 42 | I.....27 |
| Teachers: | | | |
| White | 276 | 429 | I.....153 |
| Colored | 16 | 50 | I.....34 |
| Pupils: | | | |
| White | 6,293 | 7,625 | I.....1,332 |
| Colored | 539 | 1,613 | I.....1,074 |
| FINANCES. | | | |
| Paid to teachers | \$472,330 | \$522,914 | I.....\$50,584 |
| Building schoolhouses | 4,690 | 4,704 | I.....14 |
| Total expenditure | 547,843 | 704,586 | I.....156,743 |

THE NEW STATE BOARD.

Act 81, to regulate public education in Louisiana, was duly promulgated in 1888. This act was summarized in the Bureau's Report for 1887-88.

In accordance with the requirements of its first section a State board of education was appointed by the Governor, consisting of one member from each Congressional district—"a decided improvement on the former method of organization of the board of education. In each district there is a representative gentleman who takes an active interest in common schools and in general education." In addition to these there are three *ex-officio* members—the Governor, the State superintendent, and the attorney-general.

TEXT-BOOKS.

In compliance with section 3 of the school law, the State board of education adopted a list of books to be used in the public schools. Contracts were entered into with publishing houses, stipulations being made to have the books sold at certain specified prices.

"The retail prices are as low as the retail prices of schoolbooks in any State of the Union. The prices are stamped on the books." The publishers contract to give a discount of 16½ per cent. to dealers generally throughout the State, and an additional discount of 10 per cent. to not less than six depositories who supply the local dealers.

"So far, the scheme to secure uniformity in the use of books at reduced prices has proven satisfactory to those upon whom devolve the expenses of purchasing them."

PARISH BOARDS.

At its second meeting the State board appointed the members of the several parish boards.

"It is made one of the duties of the parish board of directors to report to the State board of education all negligence on the part of school officials. No such report has been made. The inference is reasonable that there was no serious neglect of duty or delinquency, and that those which may have occurred were remedied by the board wherever they existed without the necessity of reporting to the State board.

TOO MANY SCHOOLS.

The parish boards are vested with the authority of dividing their respective parishes into school districts. The State superintendent recommends the districts to be made as large as can be done consistently with the convenience of the pupils. "It is preferable that children should walk some distance and that they be given the opportunity of attending schools a longer time annually than that they should have a large number of poor schools in close proximity during a limited time. At times boards have yielded to the urgent and commendable zeal of patrons and have opened a larger number of schools than could be maintained a sufficient number of months to make them useful."

MAINE.

[From Report for 1888-89 of State Superintendent N. A. Luce.]

| | 1887-88. | 1888-89. | Increase or decrease. |
|-----------------------------------------------------------------|-------------|-------------|-----------------------|
| POPULATION AND ATTENDANCE. | | | |
| Population between 4 and 21 years of age..... | 211,980 | 212,064 | I.....84 |
| Number of different pupils enrolled..... | 144,180 | 143,113 | D.....1,067 |
| Average daily attendance per term for year..... | 100,121 | 98,641 | D.....1,480 |
| Per cent. of school population enrolled..... | 68 | 67 | D.....1 |
| Per cent. of school population in average daily attendance..... | 47.0 | 46.5 | D......5 |
| Average duration of schools in days..... | 112.0 | 111.5 | D......5 |
| Aggregate number of weeks for year..... | 109,335 | 109,417 | I.....82 |
| SCHOOLS AND SCHOOLHOUSES. | | | |
| Whole number of schools..... | 4,793 | 4,847 | I.....54 |
| Number of graded schools..... | 919 | 953 | I.....34 |
| Number of schoolhouses..... | 4,337 | 4,364 | I.....27 |
| Number built during year..... | 77 | 75 | D.....2 |
| Cost of houses built during year..... | \$133,761 | \$163,650 | I.....\$29,889 |
| Estimated value of school property..... | 3,328,743 | 3,481,835 | I.....153,092 |
| TEACHERS AND SALARIES. | | | |
| Number of different teachers employed..... | 7,598 | 7,549 | D.....49 |
| Men teaching in spring and summer terms..... | 269 | 279 | I.....10 |
| Men teaching in fall and winter terms..... | 1,565 | 1,518 | D.....47 |
| Women teaching in spring and summer terms..... | 4,643 | 4,674 | I.....31 |
| Women teaching in fall and winter terms..... | 3,840 | 4,016 | I.....176 |
| Number of teachers having previous experience..... | 6,366 | 6,393 | I.....27 |
| Number having no previous experience..... | 1,232 | 1,156 | D.....76 |
| Number who were graduates of normal schools..... | 658 | 687 | I.....29 |
| Average monthly salary of men teaching..... | \$34.36 | \$35.22 | I.....\$0.86 |
| Average monthly salary of women teaching..... | 16.92 | 17.24 | I......32 |
| EXPENDITURES. | | | |
| Paid for current purposes..... | \$1,071,850 | \$1,089,280 | I.....\$17,430 |
| Total expenditures..... | 1,238,898 | 1,287,948 | I.....49,050 |

ATTENDANCE.

The number of different pupils enrolled was smaller by 1,067 than in the previous year. During each year of the preceding decade there was a decrease in the number of pupils; the entire decrease during that time being 8,835. This constant loss is attributable in part to the parochial schools which have been established in many places. It is estimated that 2,500 pupils attend parochial schools in Lewiston, Auburn, Biddeford, Saco, Waterville, Calais, and Westbrook. But another cause of the decrease is the establishment of numerous high schools throughout the State.

CHARACTER OF SCHOOLS.

During the seven years in which statistics have been collected showing the grades of the schools there was a decrease of 106 in the whole number of different schools, but an increase of 184 in the number of graded schools. This indicates a marked tendency to consolidate small schools into a few well-conducted ones.

There was an increase of six in the number of ungraded schools teaching history, and of seventy-two in the number teaching bookkeeping; but there was a considerable decrease in the number teaching physiology and hygiene.

TEACHERS.

The number of male teachers employed constantly diminishes, while the number of female teachers increases. The decrease in the aggregate number of terms taught by men during the last ten years was 867; the increase in the number of terms taught by women was 1,814. A larger number of experienced teachers and of graduates of normal schools was employed, and the salaries of teachers were slightly higher; it is presumable, therefore, that more successful work was accomplished.

SCHOOL DISTRICTS AND SCHOOLHOUSES.

Seven more towns have discarded the district system and adopted the town system instead; but one town, St. Albans, after having tried the town plan for three years, has returned to the district system.

Although 75 new schoolhouses were built during the year, there was an increase of only 5 in the number reported as in good condition. In the preceding ten years 680 new schoolhouses were built, 579 of which took the places of old ones, and yet the number in good condition increased only 189. It seems, therefore, that some of the school buildings do not receive the care and attention which should be given them.

FREE TEXT-BOOKS.

The most important enactment made in many years in regard to educational matters was that of the recent legislature requiring that after August 1, 1890, towns shall furnish all pupils of the public schools with text-books at public expense. The funds necessary for this purpose shall be raised in the same manner as other public moneys. School committees shall select a uniform series of text-books, and shall contract with the publishers for the purchase and delivery of the same. No text-book thus introduced shall be changed in five years unless by a vote of the town; any person violating this provision shall forfeit five hundred dollars, to be recovered in an action of debt by any school officer or person aggrieved. School committees shall make such rules and regulations, not repugnant to law, as they deem proper for the distribution and preserving of school books and appliances furnished pupils at the expense of the town.

"When a pupil in a public school loses, destroys, or unnecessarily injures any such schoolbook or appliance his parent or guardian shall be notified, and if the loss or damage is not made good to the satisfaction of such committee within a reasonable time they shall report the case to the assessors, who shall include in the next town tax of the delinquent parent or guardian the value of the book or appliance so lost, destroyed, or injured, to be assessed and collected as other town taxes."

Superintendent Luce advises the school committees to make no changes in the books used, except for very strong reasons, and that the books now in possession of pupils, when in good condition and of the kind selected, be bought up and made a part of the town supply, and that the prices at which future supplies of books are to be furnished be determined in the contracts made with publishers. The requirement that books shall be uniform does not prevent the use of two or more series of readers.

All books, before being distributed, shall be labeled and numbered, and at the close of the school term they shall be returned, unless special permission to keep them during vacation has been obtained.

HIGH SCHOOLS.

These schools are meeting with marked success and are evidently affording a grade of instruction for which there is a very general demand.

In 1880 high schools were supported in 88 towns and were attended by 6,215 pupils. In 1888-89 they were supported in 204 towns and were attended by 14,900 pupils. Of the 28 new towns in which high schools were established, in 22 they were established by town action and in 6 by district action; this indicates that a much larger territory has been provided with high-school privileges.

The cost of these schools was about \$9.40 per pupil for the year. The high schools are proving to be of much advantage to the lower grades of the common schools by furnishing them with well-trained teachers and by relieving them of the work of instructing a few scholars in the higher branches.

RECOMMENDATIONS.

Superintendent Luce makes the following recommendations:

1. "That school committees and supervisors, in carrying into effect the free text-book law, study (1) to secure the best book at the least expense, making the fewest practicable changes, and utilizing by purchase or otherwise, so far as practicable, books owned by pupils; (2) to hold teachers and pupils to sharp and strict accountability for careful usage and prompt return of books owned by the town; and (3) to so systematize the distribution and return of them by keeping proper records that the exact condition and location of every such book may be easily determined at the end of every term."

2. That they strictly enforce the laws for compulsory attendance.

3. That they scrupulously guard against the admission of unfit teachers and endeavor to retain successful teachers.

4. That in towns having abolished the district system regular courses of study be adopted for the ungraded schools, from which pupils may be graduated in like manner as from graded schools.

5. That they encourage the abolition of the district system and the establishment of high schools.

6. That they urge teachers to attend educational meetings, and that they themselves take part in such meetings.

7. That they advise young teachers who show a natural aptitude for their work to take a professional course at a normal school.

8. "That, in short, they seek to elevate the public schools of their town by vigilant, earnest, persistent, and aggressive action as leaders in all educational reforms."

NEW LEGISLATION.

Free text-books.—Towns shall furnish pupils of the public schools with free text-books.

High schools.—"The course of study in the free high schools shall embrace the ordinary English academic studies, especially the natural sciences in their application to mechanics, manufactures, and agriculture; but the ancient or modern languages and music shall not be taught therein except by direction of the superintending school committees having supervision thereof."

Any town may authorize its superintending school committee to contract with the trustees of any academy or high school for the tuition of scholars resident within such town; and the expenditures of any town for such purpose shall be subject to the same conditions and shall entitle such town to the same State aid as if it had made such expenditure for a free high school.

Plantations have same powers as towns.—Plantations have the same powers and liabilities as towns for the formation of districts, collecting school moneys, etc.

Evening schools authorized.—Cities and towns may raise and appropriate money for the support of evening schools, in which only the elementary branches shall be taught, but pupils of any age shall be admitted.

School law to be published biennially.—The State superintendent is required "biennially, as soon as practicable after the adjournment of the legislature, to compile and have printed in pamphlet form three thousand copies of the amended school law of the State and distribute the same to the municipal and school officers of the several towns."

MARYLAND.

[From Report for 1888-89 of State Superintendent M. A. Newell.]

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|---------------------------------------------------|-----------|-----------|-----------------------|
| ATTENDANCE. | | | |
| Number of different pupils: | | | |
| Counties..... | 122,377 | 119,554 | D.....2,823 |
| Baltimore City..... | 54,210 | 59,906 | I.....5,696 |
| Total..... | 176,587 | 179,460 | I.....2,873 |
| Number in average attendance: | | | |
| Counties..... | 61,007 | 61,328 | I.....321 |
| Baltimore City..... | 33,969 | 37,892 | I.....3,923 |
| Total..... | 94,976 | 99,220 | I.....4,244 |
| SCHOOLS. | | | |
| Number in counties..... | 2,031 | 2,060 | I.....29 |
| Number in Baltimore City..... | 128 | 140 | I.....12 |
| Duration of schools, in months: | | | |
| Counties..... | 8.8 | 8.9 | I......1 |
| Baltimore City..... | 10.0 | 10.0 | I......0 |
| Average..... | 9.2 | 9.3 | I......1 |
| TEACHERS AND SALARIES. | | | |
| Men teaching in counties..... | 1,040 | 972 | D.....68 |
| Women teaching in counties..... | 1,621 | 1,633 | I.....12 |
| Men teaching in Baltimore City..... | 98 | 112 | I.....14 |
| Women teaching in Baltimore City..... | 909 | 1,011 | I.....102 |
| Whole number..... | 3,668 | 3,728 | I.....60 |
| Average yearly salary: | | | |
| In counties..... | \$272 | \$277 | I.....\$5 |
| In Baltimore City..... | 587 | 585 | D.....2 |
| EXPENDITURES. | | | |
| Teachers' salaries: | | | |
| In counties..... | \$740,171 | 721,888 | D...\$18,283 |
| In cities..... | 604,334 | 667,614 | I.....63,280 |
| Salaries of superintendents..... | 42,889 | 40,973 | D.....1,916 |
| Books and stationery: | | | |
| In counties..... | 49,585 | 48,576 | D.....1,009 |
| In city..... | 40,304 | 38,987 | D.....1,317 |
| Building, repairing, and furnishing schoolhouses: | | | |
| Counties..... | 97,089 | 105,511 | I.....8,422 |
| Baltimore City..... | 66,464 | 85,412 | I.....18,948 |
| Other expenses..... | 142,045 | 143,805 | I.....1,760 |
| Total expenditure..... | 1,782,881 | 1,852,766 | I.....69,885 |

The report of the State superintendent shows that during the year 1888-89 there was no material change made in the school system of Maryland; no marked advance movement, and no step backward; there was the ordinary and natural increase in the number of schools and teachers which was required by the normal growth in enrollment and average attendance. In fact, the schools and school system of Maryland have reached such a point of development that no radical change is desirable, and we find that in fifteen years no change of importance has been made in the school law. "Maryland is blessed in having many examiners of long experience—one from the beginning of the system in 1865, several from its reorganization in 1868, and only a very few of less than six years' standing."

The teachers, as a whole, are intelligent and earnest in their work, and endeavor in many ways to render themselves capable instructors. This is shown by their almost universal attendance on the teachers' institutes and by the formation of reading circles, from which great improvement is derived.

The recommendation of the State superintendent that the few remaining county academies be made a part of the public-school system is heartily indorsed by the board of Frederick County. This board established high-school departments in the public school at Middletown and in the female school at Frederick City. These departments are well patronized and highly appreciated by those who have children to educate, and many requests are received by the board for the extension of such facilities for higher education.

MASSACHUSETTS.

[From Report for 1888-89 of Hon. John W. Dickinson, secretary of the State board of education.]

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------------|
| POPULATION AND ATTENDANCE. | | | |
| Number of children between 5 and 15 years of age..... | 359,504 | 367,785 | I.....8,281 |
| Number of children of all ages enrolled..... | 358,000 | 363,166 | I.....5,166 |
| Average membership of pupils in all the public schools..... | 293,941 | 299,537 | I.....5,596 |
| Average attendance in all the public schools..... | 264,723 | 270,851 | I.....6,128 |
| Per cent. of attendance based upon average membership..... | 90 | 90 | I..... |
| Number of pupils under 5 years of age..... | 1,178 | 1,130 | D.....48 |
| Number of pupils over 15 years of age..... | 29,543 | 30,753 | I.....1,215 |
| Average duration of schools in months..... | 8 $\frac{1}{2}$ | 8 $\frac{1}{2}$ | I..... |
| TEACHERS AND SALARIES. | | | |
| Number of men employed..... | 1,010 | 901 | D.....109 |
| Number of women employed..... | 8,887 | 9,222 | I.....335 |
| Whole number of teachers..... | 9,897 | 10,123 | I.....226 |
| Number of teachers necessary to supply schools..... | 8,559 | 8,753 | I.....194 |
| Number of teachers who had attended normal schools..... | 3,246 | 3,373 | I.....127 |
| Number of teachers who had graduated from normal schools..... | 2,677 | 2,689 | I.....12 |
| Average monthly wages of men teaching..... | \$119.34 | \$108.88 | D.....\$10.46 |
| Average monthly wages of women teaching..... | 44.88 | 45.93 | I.....1.05 |
| HIGH SCHOOLS. | | | |
| Number of high schools..... | 230 | 236 | I.....6 |
| Number of teachers in high schools..... | 737 | 756 | I.....19 |
| Number of pupils in high schools..... | 22,785 | 24,139 | I.....1,354 |
| EVENING SCHOOLS. | | | |
| Number of evening schools..... | 214 | 240 | I.....26 |
| Number of teachers..... | 919 | 876 | D.....43 |
| Whole number of pupils..... | 24,725 | 23,632 | D.....1,093 |
| Average attendance..... | 12,823 | 12,598 | D.....225 |
| FINANCIAL STATEMENT. | | | |
| Amount raised by taxation for teachers' wages, fuel, care of fires and school rooms..... | \$5,114,402 | \$5,366,605 | I...\$252,203 |
| Amount expended for— | | | |
| Supervision..... | 209,758 | 214,097 | I.....4,339 |
| New schoolhouses..... | 545,393 | 614,509 | I.....69,116 |
| Alterations and repairs..... | 607,615 | 692,820 | I.....85,205 |
| Whole amount expended upon the public schools..... | 7,057,206 | 7,510,719 | I...423,513 |

ATTENDANCE.

The compulsory school laws require all children in the State between 8 and 14 years of age to attend some public day school or some private school approved by the school committee for at least 20 weeks during each year.

The number of children in the State between 5 and 15 years of age May 1, 1888, was 367,785; the number of children of all ages attending the public schools during the year was 363,166, an increase of 5,166 over the previous year, but still not equal to the population 5 to 15 years of age. This can readily be accounted for to some extent. Many children, for various reasons, do not enter the public schools until they are 7 or 8 years of age; others leave them at 14 to learn some trade or to earn a livelihood. Again, 53,663 pupils were reported as attending private schools or academies.

The per cent. of attendance based upon average membership was 90; in 18 towns it was above 95, in 15 it fell below 80. In the towns having these low averages there was probably much negligence on the part of both parents and school officers.

The law requires all the schools to be kept for six months and high schools for ten months. Four towns have failed to keep their schools for six months and fifteen others barely reached the limit.

TEACHERS.

The whole number of teachers employed was 10,123, more than nine-tenths of them being women. The number of men teaching has been constantly diminishing for ten

years, while the number of women teaching has as constantly increased. In the cities and larger towns the tenure of the teachers' position is becoming more permanent, but in the poorer towns changes are constantly occurring.

The proportion of teachers who have attended the State normal schools has greatly increased, and we may consequently infer that better work was done. The normal graduates also furnish many valuable lessons to other teachers around them and to many of their own pupils, who afterward become teachers and adopt the methods with which they have become acquainted.

HIGH SCHOOLS.

The number of high schools in the State is 236, and 90 per cent. of the people now have high-school privileges in their own towns. That these schools are highly appreciated is manifested by the fact that high schools are maintained by a large number of towns not required by law to do so.

EVENING SCHOOLS.

The number of evening schools maintained was 240, a larger number than in the previous year, but the average attendance was smaller. The attendance in these schools was very unsatisfactory, many persons attending a few evenings and then dropping out.

EXPENDITURES.

The expenditures for school purposes are increasing from year to year, and the ratio of increase is slightly larger than the ratio of increase of school population or of school attendance. As the standard of teaching is being made higher, the salaries of teachers must also be higher. Better buildings are now required, and they must be better heated and ventilated. The sum of \$22,118.33 was expended for the transportation of children in preference to sending them to small and poorly conducted schools.

SUPERVISION.

The school committees have long felt that they could not give to the schools that degree of attention and superintendence which they deserve, and in the cities special officers have been provided for this purpose. To aid the smaller towns in securing supervision the legislature of 1888 passed the following act:

"SECTION 1. Any two or more towns, the valuation of each of which does not exceed two million five hundred thousand dollars, and the aggregate number of schools in all of which is not more than fifty nor less than thirty, may, by vote of the several towns, unite for the purpose of the employment of a superintendent of schools under the provisions of this act.

"SEC. 2. When such a union has been effected the school committees of the towns comprising the union shall form a joint committee, and for the purposes of this act said joint committee shall be held to be the agents of each town comprising the union. * * * They shall choose by ballot a superintendent of schools, determine the relative amount of service to be performed by him in each town, fix his salary, and apportion the amount thereof to be paid by the several towns, and certify such amount to the treasurer of each town."

The act further provides that whenever such union shall have raised by taxation \$750 for the support of a superintendent of schools a warrant may be drawn upon the treasurer of the State for \$1,000, one-half of which amount shall be paid for the salary of the superintendent and the other half for the salaries of teachers.

Sixteen union districts have been formed under this provision, and so far the plan gives great satisfaction. Some fear was entertained at first that it would excite jealousy between the districts, but such has not been the result. The principal difficulty encountered has been that some towns have not been able to find others in their vicinity with which they could unite.

Many advantages arise from the employment of school superintendents. The supervision of the schools, especially of the smaller and poorer schools is more uniform and intelligent; the needs of the schools are more promptly supplied; there is more system, better organization and classification; teachers are selected with greater care; there is greater economy in the purchase and use of supplies, and school property is better cared for.

The powers and duties of the superintendents are essentially the same as those of the school committees whose places they are mainly intended to supply, and whose approval they are expected to secure. They should endeavor to ascertain by examinations and

observation which candidates are most likely to prove successful teachers, and should recommend such to school committees for election. They should see that the courses of study are wisely arranged, and that the methods of imparting instruction are such as have proven satisfactory. The individual teachers, however, should be allowed full freedom in adopting new plans and experiments for giving increased interest to their exercises. The selection of text-books should be left by the school committee to the judgment of the superintendent and teachers who have used them in the class room. The superintendents should endeavor, as far as possible, to have schoolhouses properly located, conveniently arranged, well ventilated and lighted. They should endeavor in different ways to infuse into the people an interest in educational matters so that a full attendance of the school population may be secured.

TRUANT SCHOOLS.

The law requires all towns to provide for the confinement and instruction of truant children; but, as the number of truant in individual towns would frequently be small, it is provided that county truant schools may be established, to which the different towns may send their truant. In four counties, namely, Hampden, Berkshire, Hampshire, and Norfolk, truant schools have been established. All the towns of the State should immediately provide for a faithful compliance with this law.

PHYSICAL TRAINING.

New impetus has been given to the importance of physical training of pupils by the recent discussions on this subject. Physical health and vigor are essential to full activity of the mind, as well as to a full measure of happiness and success in life. Every pupil leaving a public school should possess both mental and physical vigor, *mens sana in corpore sano*.

PRIVATE SCHOOLS.

The number of private schools reported is 396, an increase for the year of 48. Although the statistics of private schools are very imperfect, it is well known that the ratio of increase of attendance on private schools is much larger than the ratio of increase of public school attendance. It is to be regretted that recent events have brought about this condition of affairs, for the public schools being supported and controlled by the State, they are presumably better prepared to furnish a broad and liberal education. This condition of affairs does not call for restrictive legislation, however, but must be met by improving the public schools so that all citizens will prefer to have their children attend them.

MICHIGAN.

[From Report for 1888-89 of State Superintendent Joseph Estabrook.]

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|-------------------------------------------------------------------|----------|----------|-----------------------|
| POPULATION AND ATTENDANCE. | | | |
| Population 5 to 20 years of age in graded school districts..... | 318,941 | 329,184 | I.....10,243 |
| Population 5 to 20 years of age in ungraded school districts..... | 310,982 | 310,885 | D.....97 |
| Whole number between 5 and 20 years of age..... | 629,923 | 640,069 | I.....10,146 |
| Enrollment in graded schools..... | 197,802 | 201,087 | I.....3,285 |
| Enrollment in ungraded schools..... | 227,416 | 222,517 | D.....4,899 |
| Whole number enrolled..... | 425,218 | 423,604 | D.....1,614 |
| Percentage of attendance in graded schools..... | 62.0 | 61.0 | D.....1.0 |
| Percentage of attendance in ungraded schools..... | 73.1 | 71.5 | D.....1.6 |
| Percentage for the State..... | 67.5 | 66.2 | D.....1.3 |
| Average duration of graded schools in months..... | 9.5 | 9.4 | D......1 |
| Average duration of ungraded schools in months..... | 7.5 | 7.6 | I......1 |
| Average for the State..... | 7.6 | 7.7 | I......1 |
| SCHOOLHOUSES. | | | |
| Number of frame schoolhouses..... | 5,759 | 5,796 | I.....37 |
| Number of brick schoolhouses..... | 1,156 | 1,199 | I.....43 |
| Number of stone schoolhouses..... | 71 | 71 | I.....0 |
| Number of log schoolhouses..... | 442 | 427 | D.....15 |
| Whole number..... | 7,428 | 7,493 | I.....65 |

STATISTICAL SUMMARY—Continued.

| | 1887-88. | 1888-89. | Increase or decrease. |
|--------------------------------------------------------------------|-----------|-----------|-----------------------|
| TEACHERS AND SALARIES. | | | |
| Number of teachers necessary to supply graded schools..... | 3,769 | 4,017 | I.....248 |
| Number of teachers necessary to supply ungraded schools..... | 6,614 | 6,620 | I.....6 |
| Whole number necessary..... | 10,383 | 10,637 | I.....254 |
| Number licensed without previous experience in teaching..... | 2,053 | 2,399 | I.....346 |
| Number of men employed as teachers in graded schools..... | 657 | 681 | I.....24 |
| Number of men employed as teachers in ungraded schools..... | 3,116 | 3,000 | D.....116 |
| Whole number of men employed..... | 3,773 | 3,681 | D.....92 |
| Number of women employed as teachers in graded schools..... | 3,301 | 3,520 | I.....216 |
| Number of women employed as teachers in ungraded schools..... | 8,686 | 8,874 | I.....188 |
| Whole number of women employed..... | 11,990 | 12,394 | I.....404 |
| Average monthly wages of male teachers in graded schools..... | \$77.66 | \$77.35 | D.....\$0.31 |
| Average monthly wages of male teachers in ungraded schools..... | 32.91 | 32.95 | I......04 |
| Average monthly wages of male teachers in all schools..... | 45.67 | 46.31 | I......64 |
| Average monthly wages of female teachers in graded schools..... | 39.99 | 40.65 | I......66 |
| Average monthly wages of female teachers in ungraded schools..... | 24.41 | 25.01 | I......60 |
| Average monthly wages of female teachers in all schools..... | 31.57 | 32.32 | I......75 |
| SCHOOL LIBRARIES. | | | |
| Whole number of school libraries..... | 1,688 | 1,610 | D.....78 |
| Number of volumes in all the libraries..... | 439,977 | 464,582 | I.....24,605 |
| Amount of taxes voted for township libraries..... | \$3,662 | \$4,701 | I.....\$1,039 |
| Amount received from county treasurers for township libraries..... | 23,124 | 28,304 | I.....5,180 |
| Amount paid for support of township libraries..... | 16,016 | 14,876 | D.....1,140 |
| Amount paid for support of district libraries..... | 57,900 | 69,502 | I.....11,602 |
| PRIVATE SCHOOLS. | | | |
| Number of private and select schools reported..... | 294 | 312 | I.....18 |
| Number of men teaching in them..... | 266 | 277 | I.....11 |
| Number of women teaching in them..... | 475 | 422 | D.....52 |
| Estimated number of pupils..... | 31,073 | 34,164 | I.....3,091 |
| EXPENDITURES. | | | |
| Amount paid male teachers .. | \$926,482 | \$929,721 | I.....\$3,239 |
| Amount paid female teachers .. | 2,146,175 | 2,263,814 | I.....117,639 |
| Amount paid for buildings and repairs .. | 805,132 | 641,661 | D.....163,471 |
| Amount paid for other purposes .. | 1,044,351 | 1,117,327 | I.....72,976 |
| Whole amount expended..... | 4,922,140 | 4,952,524 | I.....30,384 |

ATTENDANCE.

Since 1880 there has been a small but almost constant annual decrease in the number of children attending the public schools as compared with the number of children in the State. This decrease amounted during the ten years to 5.4 per cent. Not only so, but in the year 1889 there was a decrease of 1,614 in the public school enrollment, although there was an increase of 10,146 in the number of children in the State. This decrease is still more remarkable when it is considered that a compulsory attendance law was passed in 1883, and in 1885 an act for reformatory education of refractory youths. The decrease in the per cent. of census children attending schools during the different years is here shown:

| Year. | Per cent. | Increase or decrease. |
|------------|-----------|-----------------------|
| 1880 | 71.6 | I..... |
| 1881 | 71.7 | I......1 |
| 1882 | 71.5 | D......2 |
| 1883 | 69.8 | D.....1.7 |
| 1884 | 70.1 | I......3 |
| 1885 | 69.2 | D......9 |
| 1886 | 69 | D......2 |
| 1887 | 69.6 | I......6 |
| 1888 | 67.5 | D.....2.1 |
| 1889 | 66.2 | D.....1.3 |

No satisfactory explanation can yet be given for this constant decrease, and sufficient information has not been obtained with respect to private schools to determine how far these may account for it.

FREE TEXT-BOOKS.

The legislature passed an act requiring the district board of each school district to "post in a conspicuous place, at least ten days prior to the first annual school meeting from and after the passage of this act, a notice that those qualified to vote upon the question of raising money in said district shall vote at such annual meeting to authorize said district board to purchase and provide free text-books for the use of the pupils in said district. If a majority of all the as-above-provided voters present at such meeting shall authorize said board to raise by tax a sum sufficient to comply with the provisions of this act, the said district board shall make a list of such books," and shall notify the State superintendent of the action of such meeting. Accordingly, at their next annual meeting 520 districts made provision for free text-books.

SCHOOL LAW.

Besides the act with reference to free text-books, an act was passed requiring the supervisors of townships in which a fractional district is situated to include the proportion of the mill tax to be placed on their respective assessment rolls.

An effort was made to secure the adoption of township school districts, but failed.

A new edition of the general school laws, including a digest of the supreme court decisions, was published during the year.

TEACHERS.

The whole number of teachers necessary to supply all the schools was 10,637. The graded schools employed 4,201, only 184 more than was necessary to supply them, but the ungraded schools employed 11,874, or 5,254 more than were necessary. It is seen, therefore, that on an average nearly every ungraded school employed two teachers during the year.

Of the 15,979 persons applying for county certificates 206 received first-grade certificates, 554 second grade, and 10,361 third-grade certificates. This indicates that there is great need of thoroughly competent and experienced teachers. Too many of the teachers have engaged in the work only as a temporary business, and they are therefore lacking both in the necessary qualifications and in the desire to qualify themselves. Again, teachers have no strong inducement to enter upon the work as a permanent profession, for they can secure no definite tenure of position. The teacher's position is too often bestowed as a reward for personal or political favors instead of to the one most competent to discharge its duties.

Although only 22 per cent. of the teachers are males, their relative number is constantly decreasing. In 1889 the number of men teaching was 92 less than in the previous year and 253 less than in 1886. On the contrary the number of women teaching was 312 greater than in the previous year.

STATE CERTIFICATES.

According to the public acts of 1889 the State board of education shall issue life certificates to all persons who have taught for two years in the schools of the State and who shall upon examination be found to possess eminent scholarship, ability, and good moral character. Under the previous regulations for granting State certificates only forty-three persons had secured them during ten years, but since they have been made valid for life it is probable that they will be in greater demand.

SCHOOLHOUSES AND THEIR SURROUNDINGS.

The estimated value of the public-school property is \$13,386,637, the amount expended during 1889 for buildings and repairs being \$641,661. Notwithstanding the large amounts spent upon school buildings, less than one-third of them are reported as properly heated and ventilated. This is attributable in large part to the tendency so prevalent a few years ago of erecting buildings of abnormal height and showy exterior appearance, but having little regard to the comfort and well-being of the pupils. In the rural districts very little regard is had for the proper lighting and ventilation of school-houses, consequently when one part of the schoolroom is uncomfortably warm the other part is cold; but in the plans of city school buildings special attention is now given to these aims.

Upon the subject of outbuildings Superintendent Estabrook uses the following words: "I feel constrained in this connection to refer to a condition of affairs that is far too prevalent, and for the continuance of which the district officers can justly be held re-

sponsible. I allude to the shameful condition of the outbuildings attached to the school-houses in many districts. Frequently but one building is provided for both sexes, and the boys and girls use it indiscriminately. Or, what is scarcely less disgraceful, the buildings are placed in close proximity to each other without any permanent barrier between them. The effect of such a state of affairs upon the moral tone of the pupils and the terrible results that are likely to follow are too patent, to any one whose sense of decency is not entirely lost, to need even a statement. That they are allowed to exist is a sad commentary on the moral tone of a community, and implies at least a criminal negligence on the part of those school officers who permit it."

EDUCATIONAL FUNDS.

"The money derived from the sale of school lands and from escheats to the State constitute the primary school fund proper, and bear 7 per cent. interest. The moneys derived from the sale of swamp lands donated by Congress constitute the primary school 5-per-cent. fund.

"The interest derived from each of these funds, together with the surplus of specific taxes remaining in the State treasury after paying the interest on the several educational funds and the interest and principal of the State debt, forms the primary school interest fund, the entire amount of which that may be on hand at the time is apportioned to the school districts of the State semiannually, between the 1st and 10th days of May and November in each year."

The primary school 7-per-cent. fund amounted, June 30, 1889, to \$3,722,286, and the primary school 5-per-cent. fund amounted to \$807,391.

MISSISSIPPI.

[From Report for 1887-88 and 1888-89 of State Superintendent J. E. Preston.]

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|-------------------------------------------------------|-----------|-----------|-----------------------|
| POPULATION AND ATTENDANCE. | | | |
| White population between 5 and 21 years of age | 196,247 | 191,792 | D.....4,455 |
| Colored population between 5 and 21 years of age..... | 268,100 | 272,682 | I.....4,582 |
| Total population between 5 and 21 years of age | 464,347 | 464,474 | I.....127 |
| Whole number of pupils enrolled..... | 310,119 | 319,711 | I.....9,592 |
| Average daily attendance..... | 184,018 | 193,119 | I.....9,101 |
| Average duration of schools, in days | 84 | 85 | I.....1 |
| TEACHERS AND SALARIES. | | | |
| Number of white teachers employed..... | 3,835 | 4,018 | I.....183 |
| Number of colored teachers employed..... | 2,871 | 3,097 | I.....226 |
| Whole number of teachers | 6,706 | 7,115 | I.....409 |
| Average monthly salary of— | | | |
| White male teachers..... | \$38.59 | \$38.77 | I.....\$0.18 |
| White female teachers | 31.25 | 32.09 | I......84 |
| Colored male teachers | 25.54 | 26.83 | I.....1.29 |
| Colored female teachers..... | 21.27 | 20.48 | D......79 |
| PRIVATE SCHOOLS. | | | |
| Private schools for white children | 288 | 403 | I.....120 |
| Private schools for colored children | 79 | 80 | I.....1 |
| EXPENDITURES. | | | |
| Salaries of teachers | \$873,443 | \$930,669 | I.....\$57,226 |
| Salaries of superintendents..... | 32,824 | 33,307 | I.....483 |
| Total expenditures | 962,263 | 1,115,808 | I.....153,545 |

GENERAL STATEMENT.

That the year 1888-89 witnessed a great improvement in the educational progress of Mississippi is evident from several considerations. In the first place there were 919 more schools, and the number of children sharing in the benefits of them was greater

by 51,213 than in the previous year. The average daily attendance was greater by 23,562, or 15 per cent., and the average length of the school term was one day longer. During the last two years twelve cities and towns erected school buildings, at a total cost of \$190,000. "In 66 counties the collections exceeded the disbursements by \$191,300, while practically only 8 counties exceeded their collections, incurring a debt in all of about \$15,000." More than 800 country schoolhouses were built, at a cost of \$116,951. There was an increase of 1,018 in the number of first-grade teachers, and it is therefore presumable that better work was accomplished.

SCHOOLHOUSES.

According to the enactments of the legislature the attorney-general and State superintendent of education were required to distribute the 2 and 3 per cent. fund received from the sales of Government land whenever the fund exceeded \$15,000. The distribution was made in December, 1888, the amount distributed being \$73,429.05. In order that as much as possible might be accomplished by means of the fund, the State superintendent issued a circular advising supervisors in the different counties to distribute the fund to those districts that would supplement it in some way, by appropriating unused balances of the common-school fund, by raising certain amounts, or otherwise. These suggestions were followed in many counties, and in nine months from the time of the distribution 475 new schoolhouses had been erected, and others were in the course of construction. In some counties the fund was prorated to the different districts, and little good was accomplished by it, while in others it was unlawfully applied to the payment of teachers' warrants. In Monroe County the fund was supplemented by an appropriation of \$2,000, and forty-one new schoolhouses were erected, at a cost of from \$200 to \$700 each, and others were repaired and furnished with stoves and blackboards.

SCHOOL CENSUS.

There are great discrepancies between the returns made by the auditors as to the number of children of school age and those made by the county superintendents. As a consequence there are no reliable data upon which a distribution of State funds can be made.

SIXTEENTH SECTIONS.

"Mississippi received from the United States in sixteenth sections 661,000 acres. In lieu of sixteenth sections in Chickasaw cession, 174,550 acres." The leasing of these lands was variously intrusted to boards of police, county school directors, county school commissioners, and boards of supervisors. They have nearly all been leased for ninety-nine years and the notes and revenues squandered. A satisfactory report of the fund of Warren County, however, was made in 1889 by the county treasurer. The sixteenth sections of the Yazoo Delta, which has lately been found to possess valuable resources, are still unleased, and should be saved to the State by appropriate legislation. The supervisors should be prohibited from leasing these lands for longer periods than eight years, and the rents should be invested in bonds and only the interest allowed to be used.

UNIFORM EXAMINATIONS.

The law of 1836 requiring uniform teachers' examinations throughout the State, although it met with strong opposition, has been found an eminently wise one. That it has not prevented competent teachers from passing the examinations successfully is evidenced by the fact that 1,018 persons received first-grade certificates.

While admitting that many of the most intelligent and faithful county superintendents advocate annual examinations of teachers, Superintendent Preston thinks that, in order to stimulate teachers to thoroughly qualify themselves for their work, certificates should be granted under certain conditions for a longer time than one year. He would have an annual examination of all holders of second and third grade certificates. All first-grade teachers who made an average of 85 per cent. should be licensed for two years and those who made an average of 90 per cent. for three years. Any person who received a three years' license a second time should be entitled to teach in that county without any further examination. State licenses should also be granted to those who passed a special examination showing themselves possessed of broad scholarship and successful experience as teachers.

SUPERVISION.

It is claimed by very many that county superintendents are useless factors in the school system and that the money paid them could be better devoted to the payment of teachers' salaries. In those counties where the superintendents are incompetent or neglect the faithful discharge of their duties they are in reality useless appendages, but nothing can contribute more to the improvement and successful operation of the public schools than intelligent and faithful supervision. The excellence of the schools in cities and towns is attributable to careful supervision more than to anything else. Competent superintendents can not be had, however, unless they are adequately paid, and in many of the counties the salaries paid are entirely too low to secure good men.

Superintendent Preston thinks that the law enacted in 1888, making the office of county superintendent an elective one, was a great mistake, and that it will subject the person chosen to improper influence in the granting of licenses and fixing teachers' salaries.

HIGH SCHOOLS.

Besides the graded schools of the cities and towns, there were reported 150 high schools, normal schools, and denominational colleges. Some of these enrolled from 250 to 400 students. Many of them were supported in part by the public funds, and gave free tuition during the public term. The success of these schools affords evidence of an appreciation by the people of higher education, as well as evidence of increased material prosperity.

SEPARATE SCHOOL DISTRICTS.

"Following the policy and practice of other States, Mississippi has from the beginning of her free-school system allowed her towns and cities to become separate school districts.

"In the first public school law, enacted in 1870, the privilege was granted to towns having 5,000 population; in 1873, by amendment, to towns having 2,000; by the code of 1880, to towns having 1,000; by the revised law of 1886, to towns having 750.

"Many of our towns have special laws granting them full local control of their schools and power to levy a tax in support thereof. This legislation was demanded by their peculiar conditions, and is in exact accord with the universal practice of the other States of the Union.

"Educational progress and activity are to-day most prominent in our separate school districts. Thirty-five towns are maintaining their schools from seven to ten months each year, their average school levy being four mills, and some of them levying as high as seven and one-half mills."

The State distributes \$390,000 to the counties for school purposes. About two-thirds of this arises from liquor licenses, fines, and forfeitures; the other \$100,000 is given from the general State fund. The funds distributed by the State would only maintain the school about one-third of the required term of four months; each county must maintain its own schools for the other two-thirds of the term. In this way the State seeks to equalize the burden of taxation and to encourage local support of the schools. Upon the same principle the separate school districts are allowed to retain their local levies, for while they pay about one-third of the whole State fund, they only receive about \$23,000 from it. Besides, "reports from seventeen towns show an enrollment of 1,401 country pupils. Estimating the other eighteen towns at 1,000, we find the separate school districts carrying 2,400 country pupils, or 12½ per cent. of their entire attendance.

"The counties pay the tuition of these pupils for four or five months, and the towns let them continue in the schools the rest of the session absolutely free of charge."

NEW TEXT-BOOK LAW—COUNTY UNIFORMITY.

A law approved February 22, 1890, provides for a uniform series of text-books in each county, to be selected by county boards of seven teachers each, and not to be changed for five years.

MISSOURI.

[From Report for 1888-89 of State Superintendent W. E. Coleman.]

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|--------------------------------------------------------|-------------|-------------|-----------------------|
| POPULATION AND ATTENDANCE. | | | |
| White youth of school age (6 to 20) | 804,973 | 816,886 | I.....11,908 |
| Colored youth of school age (6 to 20) | 47,452 | 48,478 | I.....1,026 |
| Whole number of school age | 852,430 | 865,364 | I.....12,934 |
| White youth in public schools | 577,335 | 579,373 | I.....2,038 |
| Colored youth in public schools | 33,215 | 32,168 | D.....1,047 |
| Whole number enrolled | 610,550 | 611,541 | I.....991 |
| Total number of days' attendance by all pupils. | 45,999,832 | 53,266,590 | I.....7,266,708 |
| Average number of pupils attending each day | 377,592 | 376,977 | D.....615 |
| Average number of days' attendance by each pupil | 67 | 66 | D.....1 |
| SCHOOLS. | | | |
| Number of schools for white pupils | 9,272 | 9,178 | D.....94 |
| Number of schools for colored pupils | 547 | 509 | D.....36 |
| Whole number of schools | 9,819 | 9,687 | D.....132 |
| Whole number of schoolrooms | 11,919 | 12,204 | I.....285 |
| Seating capacity of all schoolrooms | 649,262 | 672,284 | I.....23,022 |
| TEACHERS. | | | |
| Number of men employed | 7,118 | 6,195 | D.....923 |
| Number of women employed | 6,559 | 7,439 | I.....880 |
| Whole number of teachers | 13,677 | 13,634 | D.....43 |
| ARBOR DAY. | | | |
| Districts observing arbor day | 490 | 610 | I.....120 |
| Number of trees planted | 9,736 | 9,334 | D.....402 |
| EXPENDITURES. | | | |
| Teachers' salaries | \$3,185,237 | \$3,220,264 | I.....\$35,027 |
| Sites, buildings, furniture, and apparatus | 412,940 | 340,573 | D.....72,367 |
| Repairs and rents | 165,098 | 168,788 | I.....3,690 |
| Libraries | 22,863 | 16,447 | D.....6,416 |
| District clerks | 96,042 | 60,136 | D.....35,906 |
| Incidentals | 637,206 | 746,255 | I.....109,049 |
| For all purposes excepting bonded indebtedness | 4,519,386 | 4,552,463 | I.....33,077 |

The general condition of the schools was better than it has ever been, more and better teachers were employed, and they were paid better salaries. The financial condition of the schools, too, was excellent. The settlements of the clerks and treasurers show that at the close of the year nineteen out of every twenty districts had paid all indebtedness and had a balance on hand. All schools hereafter will have a term of at least six months. The citizens of the State may well congratulate themselves upon the excellent condition of the schools, for it is a well-recognized fact that the social and material welfare of a State depends, to a large extent, upon the education of its people.

CRITICISMS OF THE PUBLIC SCHOOLS.

There are many persons who are continually urging objections to the public schools. They allege that the public schools are Godless, that the Bible is not used in them, that the public schools are responsible for the increase of crime, and that they develop in the children indifference, profligacy, and unsteadiness of character. Before considering the objections of such persons it is well to ascertain whether these are the *real* causes of complaint, whether such persons would favor the public schools if these objections were removed, or whether, on the contrary, they have brought forward these objections because they dare not disclose the true ones. "What do they mean by Godless schools? Nothing more nor less than this, their peculiar ideas and notions of religion are not sanctioned, espoused, and taught. They want the Bible introduced and used as a text-book; but what Bible? Introduce it, which can not be done without violating the constitution of our State, and these same parties will be the first to find fault, for they will soon see that this is a two-edged blade that cuts in both directions, for and against their preconceived views and notions."

But it is asserted that the public schools are responsible for the large number of criminals. Where is the proof of such a charge? Although the public schools draw large numbers of pupils from the poor, the vicious, and the ignorant, the classes most likely to furnish criminals, and who are debarred from entering private schools, we find very few criminals who have attended the public schools long enough to secure a good education. If enrolled at all, they probably attended only a short time, their attendance was irregular, and they were already so vicious that they properly belonged to the reform schools. But even if it be granted that many of the criminals were educated in the public schools, is it probable that they would otherwise not have been criminals? The censors of the public schools say nothing of the hosts of tradesmen, mechanics, laborers, teachers, lawyers, ministers, and statesmen who were educated in the public schools, and many of whom received there the impulse which resulted in their success.

SCHOOL TERM.

Hereafter the minimum length of the school term of each district shall be six months instead of four, provided a tax of 40 cents on each \$100 of assessed valuation, together with the public funds, will be sufficient to maintain the schools for six months. Districts can not now rely entirely upon the public funds, but the boards of directors are authorized to make out a tax of four mills on the dollar without any vote of the people. As the school terms will now be longer, it will be possible to secure a better grade of teachers.

WHAT SHOULD BE TAUGHT.

"The law should fully set out the subjects to be taught in all the public schools of the State, and empower the board and the teacher to require each pupil to pursue the same until completed, and higher branches should be admitted only 'by order of the board' or by a vote of the people. Boys are well advanced in arithmetic who know nothing about grammar; girls apply themselves to grammar, but do not want to study arithmetic and United States history. The result is, there is no gradation in the school, and education—in such school—simply means a partial knowledge of two or three textbooks.

"The law on teaching the evil effects of alcoholic stimulants and narcotics upon the human system is a farce and fraud. It is virtually a prohibition against temperance instruction in the public schools. And strange as it may appear, those who claim to favor proper legislation upon this subject favored this measure, while they rejoiced over the defeat of senate bill No. 52, which required such instruction in all the schools of the State. The law as it stands is worthless, and should be repealed or amended."

LANGUAGE OF THE SCHOOLS.

"The law should specify definitely in what language the instruction in our public schools is to be given. It is a shame and a disgrace to American institutions to have the English language ruled out of our public schools and German substituted, as is done wholly or in part in many districts in this State. The average legislator appears to quake when this matter is brought up for consideration. Right and justice are forgotten or smothered, for the sake of the German vote. No reasonable argument can be adduced why German should be taught in any primary schools. Representatives and senators admit that German can be put out of a public school by an injunction served upon the board; but why shall a citizen be compelled to resort to the courts to secure that which should be provided by legislative enactment? Men have said to me, 'You should not agitate this question; it is impolitic to inaugurate a fight along that line.' My purpose in bringing this matter to the attention of the public, and before our legislature, is that justice may be administered to the citizen, and the children be taught to speak, read, and write the English language. The same spirit that deprives the children of any community of the benefits of instruction in the English language would, if it dare, subvert the very foundations of this Government and subject our children to a thralldom and tyranny as despotic as that from which many of these innovators emigrated, only to try to bind the shackles upon others that they themselves could not endure.

"This is not a fight against Germans, but against the introduction of the German language into our primary schools. This wrong will not much longer be tolerated; it should not be, for where it now is practiced there is an alarming state of affairs; law is disregarded, our institutions derided, and all that is held sacred ruthlessly trodden under foot; and nothing else can be expected of such a community."

SECTARIANISM.

"Your attention is again called to the fact that in many localities in this State that provision of our constitution which prohibits the use of public funds to build up and foster sectarianism is violated with high-handed recklessness. Here again, allow me to speak plainly; it is not my purpose to conceal my true meaning; all the trouble from this quarter has arisen in Catholic communities, where they have control. In such communities the tenets of the church and the study of the catechism are made part of the daily instruction in the public school; and in more than one community the priest openly dictates who shall and who shall not teach the public school of such community. The State constitution is plain upon this subject; but it needs proper legislation to enforce its provisions, and not compel the citizens to have to resort to law to secure their rights."

SUPERVISION.

A great mistake was made in the revision of the school law in not providing for a county superintendent for such county. The legislature was opposed to this; it, however, passed a measure providing for county supervision for all those counties which may vote to adopt it.

TEACHERS.

Many of the teachers employed in the rural districts are thoroughly competent and successful in their work, but there are others who are sadly deficient. The county teachers' institutes are doing much to improve the qualifications of teachers, but the normal schools especially are sending out many excellent teachers, who are exemplars of enthusiasm, tact, and skill to other teachers.

SCHOOL BUILDINGS.

More school buildings were erected during the year than ever before. They were also larger and better buildings. The value of school property increased during the year more than \$1,000,000, making a total value of school property at the present time of nearly \$11,000,000. Many of the schoolhouses in rural districts are too small to accommodate the children of the districts. Many of them are not fenced in, and some are not even locked at night. They are also used for other than school purposes, such as meetings of societies, clubs, etc. The schoolhouses are frequently very much injured on such occasions. No one feels responsible for the condition of the schoolhouses. The school boards expect the teachers to attend to them, and the teachers expect the school boards to do so. The condition of the water-closets is often disgraceful. If a teacher has no regard for the hygienic surroundings of his pupils he should not be allowed to have charge of them.

HIGH SCHOOLS.

Twenty-seven cities and towns have high schools with a course of four years, thirty-eight with a course of three years, and sixty-five with a course of two years. Nearly all of these are in an excellent condition. Their success depends to a large extent upon the school boards. If the board is always anxious to economize by securing the cheapest teachers and having a short term, the schools will not meet with that success which should attend them. In some of the high schools which have courses of three or four years, where there are only three or four pupils in the last year's course it would be advisable to shorten the course by one year.

THANKSGIVING DONATION.

In November, 1888, the superintendent of public instruction sent out circulars to the schools asking them to observe Thanksgiving Day by making donations to the needy children, so that they might be provided with the necessary books and clothing for attending school. The experiment was so entirely successful that it was repeated in November, 1889, and many a child went home with a smiling face and a happy heart on account of the present it had received, while the contributors fully realized the truth of the expression that "it is more blessed to give than to receive."

ARBOR DAY.

Arbor Day was first observed in Missouri in April, 1886. Since that time it has been observed annually on the Friday following the annual school meeting, which is held on the first Tuesday in April. This day has now been set apart by the legislature as Arbor Day. It has now been observed four times, and thousands of trees, vines, and shrubs have been planted in the school yards.

MONTANA.

[From Report for 1888-89 of State Superintendent John Gannon.]

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|--------------------------------------------|-----------|-----------|-----------------------|
| POPULATION AND ATTENDANCE. | | | |
| Boys of school age..... | 14,094 | 18,452 | I.....4,358 |
| Girls of school age..... | 13,506 | 18,351 | I.....4,845 |
| Whole number..... | 27,600 | 36,803 | I.....9,203 |
| Boys enrolled at school..... | 7,124 | 8,582 | I.....1,458 |
| Girls enrolled at school..... | 6,814 | 8,226 | I.....1,412 |
| Whole number enrolled..... | 13,181 | 16,808 | I.....3,627 |
| Per cent. of census children enrolled..... | 56 | 54 | D......2 |
| SCHOOLS AND SCHOOLHOUSES. | | | |
| Number of schools..... | 386 | 477 | I......91 |
| Average term of schools, in days..... | 127 | 142 | I......15 |
| Brick or stone buildings..... | 32 | 41 | I......9 |
| Frame buildings..... | 89 | 110 | I......21 |
| Log buildings..... | 184 | 168 | D......16 |
| Whole number of school buildings..... | 305 | 319 | I......14 |
| Value of school buildings..... | \$646,670 | \$698,798 | I.....\$52,128 |
| TEACHERS AND SALARIES. | | | |
| Number of men teaching..... | 105 | 156 | I......51 |
| Number of women teaching..... | 337 | 351 | I......14 |
| Whole number of teachers..... | 442 | 507 | I......65 |
| Average salary of men per month..... | \$69.00 | \$75.08 | I.....\$6.08 |
| Average salary of women per month..... | 56.00 | 56.92 | I......92 |
| Average salary of both sexes..... | 62.05 | 66.56 | I.....4.51 |
| PRIVATE SCHOOLS. | | | |
| Number of private schools..... | 17 | 28 | I......11 |
| Pupils enrolled in private schools..... | 698 | 682 | D......16 |
| RECEIPTS FOR SCHOOL PURPOSES. | | | |
| From county taxes..... | \$252,417 | \$255,263 | I.....\$2,846 |
| From special taxes..... | 54,156 | 57,681 | I.....3,525 |
| From district courts..... | 1,386 | 2,362 | I.....976 |
| From probate judges..... | 2,563 | 2,844 | I.....276 |
| From justices of the peace..... | 4,864 | 6,068 | I.....1,204 |
| From other sources..... | 2,051 | 1,399 | D.....652 |
| From all sources..... | 317,442 | 325,617 | I.....8,175 |

The superintendent of public instruction says that he is constantly receiving letters from all parts of the State for information relating to sales and leases of the school lands. He also states that depredations are continually being made upon these lands, and that it will require close oversight to prevent them.

He suggests that county superintendents, besides being required to compile the reports of district trustees and clerks, should also be required to report upon the general work of the schools, the condition of the buildings, fences, furniture, etc.

NEW LEGISLATION.

Section 1950 of the school laws was amended in March, 1889, so as to authorize trustees of school districts to submit to the electors of the districts the question of issuing cou-

pon bonds to an amount not exceeding 4 per cent. of the taxable property of such districts, and bearing a rate of interest not exceeding 7 per cent. per annum, the proceeds of such bonds to be used in erecting schoolhouses and purchasing the necessary land.

PROVISIONS OF THE CONSTITUTION OF THE STATE OF MONTANA RELATING TO EDUCATION.

ARTICLE XI.—*Education.*

SECTION 1. It shall be the duty of the legislative assembly of Montana to establish and maintain a general, uniform, and thorough system of public, free, common schools.

SEC. 2. The public-school fund of the State shall consist of the proceeds of such lands as have heretofore been granted, or may hereafter be granted, to the State by the General Government, known as school lands, and those granted in lieu of such; land acquired by gift or grant from any person or corporation under any law or grant of the General Government; and of all other grants of land or money made to the State from the General Government for general educational purposes, or where no other special purpose is indicated in such grant; all estates, or distributive shares of the estates that may escheat to the State; all unclaimed shares and dividends of any corporation incorporated under the laws of the State, and all other grants, gifts, devises, or bequests made to the State for general educational purposes.

SEC. 3. Such public-school fund shall forever remain inviolate, guaranteed by the State against loss or diversion, to be invested, so far as possible, in public securities within the State, including school-district bonds issued for the erection of school buildings, under the restrictions to be provided by law.

SEC. 4. The governor, superintendent of public instruction, secretary of state, and attorney-general shall constitute the State board of land commissioners, which shall have the direction, control, leasing, and sale of the school lands of the State, and the lands granted or which may hereafter be granted for the support and benefit of the various State educational institutions, under such regulations and restrictions as may be prescribed by law.

SEC. 5. The interest on all invested school funds of the State, and all rents accruing from the leasing of any school lands, shall be apportioned to the several school districts of the State in proportion to the number of children and youths between the ages of six and twenty-one years residing therein respectively, but no district shall be entitled to such distributive share that does not maintain a public free school for at least three months during the year for which distribution shall be made.

SEC. 6. It shall be the duty of the legislative assembly to provide, by taxation or otherwise, sufficient means, in connection with the amount received from the general school fund, to maintain a public, free, common school in each organized district in the State for at least three months in each year.

SEC. 7. The public free schools of the State shall be open to all children and youths between the ages of six and twenty-one years.

SEC. 8. Neither the legislative assembly, nor any county, city, town, or school district, or other public corporations, shall ever make, directly or indirectly, any appropriation, or pay from any public fund or moneys whatever, or make any grant of lands or other property in aid of any church, or for any sectarian purpose, or to aid in the support of any school, academy, seminary, college, university, or other literary, scientific institution, controlled in whole or in part by any church, sect, or denomination whatever.

SEC. 9. No religious or partisan test or qualification shall ever be required of any person as a condition of admission into any public educational institution of the State, either as teacher or student; nor shall attendance be required at any religious service whatever, nor shall any sectarian tenets be taught in any public educational institution of the State; nor shall any person be debarred admission to any of the collegiate departments of the university on account of sex.

SEC. 10. The legislative assembly shall provide that all elections for school district officers shall be separate from those elections at which State or county officers are voted for.

SEC. 11. The general control and supervision of the State University and the various other State educational institutions shall be vested in a State board of education, whose powers and duties shall be prescribed and regulated by law. The said board shall consist of eleven members, the governor, State superintendent of public instruction, and attorney-general being members *ex officio*; the other eight members thereof shall be appointed by the governor, subject to the confirmation of the senate, under the regulations and restrictions to be provided by law.

SEC. 12. The funds of the State University and of all other State institutions of learning, from whatever source accruing, shall forever remain inviolate and sacred to the purpose for which they were dedicated. The various funds shall be respectively invested under such regulations as may be prescribed by law, and shall be guaranteed by the State against loss or diversion. The interest of said invested funds, together with the rents from leased lands or properties, shall be devoted to the maintenance and perpetuation of these respective institutions.

NEW HAMPSHIRE.

[From Report for 1888-89 of State Superintendent J. W. Patterson.]

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|-----------------------------------------------------------------|-------------|-------------|-----------------------|
| SCHOOLS. | | | |
| Different public schools | 2,314 | 2,293 | D.....21 |
| Graded schools..... | 571 | 587 | I.....16 |
| Town and district high schools..... | 56 | 58 | I.....2 |
| Schools averaging 12 scholars or less..... | 644 | 657 | I.....13 |
| Average length of schools in weeks of 5 days | 22.90 | 22.78 | D......12 |
| PUPILS. | | | |
| Boys attending school 2 weeks or more..... | 31,668 | 30,505 | D.....1,113 |
| Girls attending school 2 weeks or more..... | 30,158 | 29,619 | D.....539 |
| Number of scholars between 6 and 16..... | 53,029 | 51,511 | D.....1,518 |
| Average attendance of all the scholars..... | 44,877 | 43,484 | D.....1,393 |
| Average attendance to each school | 19.82 | 18.56 | D.....1.26 |
| Number of pupils attending private schools..... | 7,652 | 7,514 | D.....138 |
| TEACHERS. | | | |
| Number of men teaching | 316 | 312 | D.....4 |
| Number of women teaching..... | 2,756 | 2,727 | D.....29 |
| Teaching the first time..... | 423 | 451 | I.....28 |
| Average wages of male teachers per month, including board.... | \$44.32 | \$43.87 | D.....\$0.95 |
| Average wages of female teachers per month, including board.... | 24.98 | 25.42 | I......49 |
| SCHOOLHOUSES. | | | |
| Number of schoolhouses | 2,131 | 1,993 | D.....138 |
| Reported unfit for use | 275 | 225 | D.....50 |
| Built during the year..... | 28 | 43 | I.....15 |
| Estimated value of buildings, sites, and furniture | \$2,301,337 | \$2,380,606 | I.....\$79,269 |
| EXPENDITURES. | | | |
| Teachers' salaries..... | \$474,401 | \$478,035 | I.....\$3,634 |
| New buildings | 54,660 | 63,318 | I.....8,658 |
| Total expenditures | 708,489 | 739,073 | I.....30,584 |

The number of pupils enrolled, Superintendent Patterson says, "is 1,652 less than the number enrolled last year. This does not include the number enrolled for a less time than two weeks; but, as it stands, it would seem to indicate a rapid falling off of the school population of the State. But when we take into account the large numbers who have been taken from the public and put into private parochial schools from which we have no returns, we see that the above decrease of the enrollment indicates no falling off in the school population of the State, though it must decrease the average attendance of all the schools and to each school.

"Again, the tables show an increase of \$35,691.10 over the total revenue raised last year, but as fifteen new schoolhouses have been built during the period which cost \$63,317.91 we can see there has been a large falling off in the amount raised for the support of schools, as we had reason to fear there would be under the appraisal of 1885. It will be observed from the summary that the total expenditures of the last year exceeded the total income by \$26,641.92. This excess came from the money hired for building purposes and from the surplus of the previous year.

"The number of small schools under the town system is still decreasing. The last year twenty-one were dropped. As a consequence the number of graded schools is increased sixteen and the number of high schools two."

The apportionment of 1885 decreased the amount of the school tax in 162 towns. This curtailment of school revenues has deprived the schools of needed supplies and improvements and necessitated the employment of cheaper teachers or a shortening of the school terms.

Complaint is made that in some towns "men have been placed upon the [school] board and sworn to a discharge of its duties, whose inexperience, lack of interest, or want of early opportunities have left them utterly disqualified for such work. As a consequence the schools and the intelligence and the standing of these communities have suffered damage." To remedy this the State superintendent suggests the appointment

of county superintendents, not to supersede town school boards, but to discharge specific additional duties which can not be required of the town boards, especially to examine teachers, supervise schools in a general way, and assist in arranging for holding institutes.

Free text-books.—An act of the State legislature, approved July 30, 1889, renders it obligatory upon the school committees of all cities and towns to furnish "text-books and other supplies used in the public schools" to pupils free of charge.

NEW JERSEY.

[From Report for 1888-89 of State Superintendent Edwin O. Chapman.]

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|--------------------------------------------------------------------|-------------|-------------|-----------------------|
| POPULATION AND ATTENDANCE. | | | |
| Number of children between 5 and 18 years of age..... | 387,847 | 399,052 | I.....11,205 |
| Whole number enrolled..... | 224,398 | 227,441 | I.....3,043 |
| Number attending 10 months..... | 11,075 | 8,552 | D.....2,523 |
| Number attending between 8 and 10 months..... | 66,187 | 71,846 | I.....5,659 |
| Number attending between 6 and 8 months..... | 41,724 | 43,533 | I.....1,809 |
| Average number attending..... | 135,187 | 139,272 | I.....4,085 |
| Per cent. of school population attending school..... | 58.9 | 58.7 | D......2 |
| Average duration of schools in days..... | 192 | 190 | D......2 |
| SCHOOLHOUSES. | | | |
| Number of schoolhouses..... | 1,615 | 1,642 | I......27 |
| Number reported very poor..... | 67 | 69 | I......2 |
| Number reported poor..... | 90 | 105 | I......15 |
| Number of new buildings erected..... | 30 | 32 | I......2 |
| Average value of schoolhouses..... | \$5,005 | \$5,267 | I.....\$262 |
| TEACHERS. | | | |
| Number of men teaching..... | 796 | 802 | I......6 |
| Number of women teaching..... | 3,325 | 3,497 | I......172 |
| Average monthly salary of men..... | \$67.24 | \$71.86 | I.....\$4.62 |
| Average monthly salary of women..... | 42.35 | 42.76 | I......41 |
| Teachers' certificates granted to men..... | 453 | 421 | D......32 |
| Teachers' certificates granted to women..... | 1,407 | 1,348 | D......59 |
| Per cent. of rejections out of total number examined..... | 33 | 34 | I......1 |
| REVENUES. | | | |
| State school tax appropriated by the State..... | \$1,870,055 | \$1,939,235 | I.....\$68,180 |
| Income from invested school fund..... | 100,000 | 100,000 | I......000 |
| Township school tax..... | 43,992 | 47,224 | D......1,768 |
| Interest of surplus revenue..... | 32,084 | 32,262 | I......178 |
| District and city tax for teachers' salaries..... | 474,293 | 525,798 | I.....51,504 |
| District and city tax for building and repairing schoolhouses..... | 590,016 | 673,543 | I.....83,527 |
| Total amount for maintaining schools..... | 2,525,425 | 2,644,519 | I.....119,094 |
| Total amount for all school purposes..... | 3,115,441 | 3,323,067 | I.....207,626 |
| Value of school property..... | 7,837,706 | 8,360,610 | I.....462,904 |

ENUMERATION AND ATTENDANCE.

The whole number of children in the State between 5 and 18 years of age is 399,052, an increase of 2.9 per cent. over the census of the preceding year; the increase being largest in Passaic, Hudson, and Camden Counties. The increase in the cities was 5.4 per cent. The number of children 5 to 18 years of age enrolled in the public schools was 227,441, which is an increase in the whole number attending, but a decrease of 2 per cent. when the greater number of census children is considered. There is a constant annual decrease in the proportion of census children attending the public schools, but those who do attend do so for a longer time each year. In order to receive any portion of the public funds the schools must be kept open nine months. Nearly all the schools were kept open longer than that; the average term for the State being nine months and twelve days. Only one school in the State was kept open less than six months.

As the successful work of the schools depends so much on the punctuality and regularity of attendance of pupils, a record has been kept of these particulars and is presented in tabular form in the report. It shows that the average enrollment in each schoolroom

was 38, and the average daily attendance in each room was 31. If the cities are considered by themselves a better presentation can be made, for out of an average enrollment of 42 the number absent was only 6. In the matter of tardiness there was a little more than one case daily in the State, and a little less than one case daily in the cities, if considered by themselves.

TEACHERS.

Although there was an increase over the previous year of only $1\frac{1}{2}$ per cent. in the number of children enrolled, there were 178 more teachers, 6 men and 172 women. The State superintendent endeavored to reduce the number of teachers confining themselves closely to text-books and to reduce the number of daily recitations. It is thought that some improvement has been made in these respects. The average number of recitations heard daily is fifteen.

In regard to the experience of teachers New Jersey makes a favorable showing compared with other States. The average time taught by each teacher in the same school is 4 years and 6 months; but if the cities are considered by themselves the average time is 7 years and 9 months. The average total experience of all the teachers of the State is 8 years; the average experience of the city teachers, 10 years and 2 months. County and city superintendents have been faithful in their efforts to improve the qualifications of teachers, and the teachers themselves have been active in this direction. New Jersey long ago prohibited corporal punishment in the schools, and the 22 years of experience without it abundantly justify its disuse. Other improvements have followed gradually, until now the methods of teaching have reached a high degree of excellence.

SCHOOLHOUSES AND SUPPLIES.

Thirty-two schoolhouses have been built during the year, five of them replacing old houses no longer fit to use. Others have been enlarged, and quite a number repaired and remodeled. The school property of the State is now valued at \$8,300,610. Much more attention is now given to the proper lighting, heating, and ventilating of schoolhouses. The appropriation allowed the State department of education for furnishing plans and specifications of schoolhouses was not sufficient to supply one-half of the demand. Of the 2,642 schoolhouses in the State, 105 are reported "poor" and 69 as "very poor." It is probable, however, that the standards of classification have been raised, and that what would have been classed "poor" schoolhouses a few years ago are now classed "very poor."

In some of the cities, especially those increasing most rapidly in population, there is a lack of sufficient school accommodations. While their census population has increased about 6 per cent., the school accommodations have increased only about 4 per cent. As a result, we find the schoolrooms overcrowded. "If we fix the highest number of pupils that should be cared for in one room as 80—a very liberal standard—then we have 64 rooms that are overcrowded; one more than the number reported last year." Nineteen rooms were each made to accommodate more than 100 children.

There is a constant improvement in the schools as regards furniture and supplies, but there are still 231 schoolhouses furnished with the old-fashioned desks made of pine boards. Blackboards are needed in 262 schools and maps in 217. More than one-half the schools are supplied with libraries, and about one-third of the pupils are supplied with free text-books.

EVENING SCHOOLS.

These schools have been kept open 938 evenings; the number of pupils enrolled was 8,934, the average attendance each evening 4,272, the number of teachers 214, and the total appropriation for them was \$23,964.

REVENUES.

On account of the increased population of school age, the amount raised by the State tax for the support of schools was larger by \$68,180 than in the previous year. The whole amount, together with the \$100,000 from the invested school fund, was a little more than \$1,000,000. Although there was an increase in the amount raised for teachers' salaries by city and district taxes, the number of districts that taxed themselves for this purpose decreased to 280, about 23 per cent. of the districts in the State.

NEW MEXICO.

Complete and reliable school statistics of this Territory are not yet to be obtained; those given in chapter 22 are the best approximations that can be made. They are sufficient, however, to show that public schools have been making rapid strides since 1880, the yearly increase of enrollment for eight years having averaged about 17 per cent. The average number of public-school pupils to every 100 persons has increased since 1880 from 4 to 11. This latter number, however, is still only about one-half the average number for the country at large. (See table 3, column 6.) The expenditure for public schools is about one dollar per capita of the population, which also is about one-half that of the country at large.

There is no indication that the average growth of the past eight years is being continued, though there is doubtless a gradual and continuous improvement. Definite statistical information is much needed.

The compulsory attendance law of 1887 is defective in its wording, so that it can not be enforced, as it does not "compel anything or anybody." Even if this were not the case it would be largely inoperative through the indifference of the public and the practical difficulties in the way of its execution. It may have had some indirect beneficial effect.

Of the 344 public schools in the Territory 143 are taught in English, 106 in Spanish, and 95 in both languages. The Spanish-speaking people are generally "very anxious to have their children taught English."

PUBLIC SCHOOLS OF NEW MEXICO.

The following is taken from a report made by Mr. T. B. Mills, United States Treasury expert, to the Bureau of Statistics:

"The introduction and establishment of a system of public education for the children of New Mexico has been rather a slow and difficult process. There have been and are yet many causes which have retarded and still prevent a proper growth and development of public free schools. Among these may be mentioned the sparseness of population in grazing districts, where often the residence of one family is miles distant from any other, but the principal causes are a deep-rooted prejudice of an influential part of the population against the system of education and lack of training and understanding of its practical working by the people themselves and the district officers chosen to carry out the provisions of the laws. The best public-school laws in the world (which we have not) would be found to be inefficient and unsatisfactory when applied to a population unaccustomed to such a system. The successful execution of school laws depends so largely upon the people themselves, upon minor precinct officers, that the latter are very liable to misapprehend their duties and the scope of their powers and privileges unless they have had previous training and experience. Their acts of commission and omission may all be well intended, but they often fail to put schools in practical operation. It takes time. The children are not the only ones to be taught; the voting and governing population outside of the schoolroom have to learn the requirements of the law and the manner to enforce it to secure the best results. It takes a population educated under a public-school system to successfully enforce and administer public-school laws.

"But lack of experience may be overcome by interested effort, and I am glad to say that there is a large portion of the population of New Mexico enthusiastic in the support of public schools and popular education. They are anxious that their children shall learn. The English language is also steadily growing in favor. Necessarily the instruction in the schools of New Mexico has been largely in the Spanish language, but English is now taught wherever at all practicable.

"The general establishment of public schools throughout the Territory dates from the school law of 1884. It is not particularly a good law or a complete and perfect one by any means, but it introduced two new features which were not embraced in previous legislation and which secured the general establishment of schools. These were the provisions creating the office of county superintendent and the election by the people of a board of three directors or commissioners for each precinct. The system was a new one, and, fortunately for the great majority of counties, the first election resulted in the choice of competent and qualified men, who had nearly all been educated under the public schools of the States, to the offices of school superintendents. * * *

"The law was general in terms without specific provisions, but the superintendents found sufficient authority to organize one or more public schools in almost every precinct throughout the Territory, and they have ever since been fairly well maintained. The system is now firmly established and is growing constantly in public favor. The

school fund is provided by a tax of one-fourth of 1 per cent. on all the taxable property of the Territory. The poll tax and certain fines are also turned into the school fund.

"The first law relating to schools in New Mexico was passed January 23, 1860. By this law the justice of the peace in each precinct was to appoint the teacher and he was entitled to collect the sum of fifty cents per month for each child attending his school. Compulsory attendance of children was also provided for.

"On the 23d of January, 1863, another law was passed creating a board of education, consisting of the governor, secretary, the judges of the supreme court, and the bishop (Catholic) of New Mexico. This board was invested with extraordinary powers, 'to make all laws, rules, and regulations necessary for the education of all the children within the limits of this Territory.' They were not, however, provided with any certain fund raised by taxation, but 'all funds or moneys derived from the Government of the United States, from Territorial appropriations, or from any other source intended for public school purposes,' should be devoted exclusively to the cause of education. But as the funds 'intended for public schools' came in rather slowly this distinguished board with its ample grant of powers was not able to accomplish much in the direction of the education of youth.

"The legislature of 1872, however, made a decided advance in providing for public education. By the laws passed at that session a school fund was created by a levy of one-fourth of 1 per cent. on all the taxable property of the Territory, and instead of the Territorial board county boards of school directors or supervisors were created. These boards consisted of four persons, elected by the people of each county, and the probate judge. Under this law a number of public schools were established and fairly paved the way for the better system of 1884.

"By this last law, as before noted (the law of 1884), the county board of school supervisors was superseded by the boards of precinct directors and a county superintendent. This last system has created a lively interest in school matters among the common people and has yielded the best results.

"A comprehensive measure for public schools was before the last legislature (1889), and was ably championed by W. D. Kistler, representative from this (San Miguel) county, and editor of the Daily Optic, and the Territorial press generally, but from various causes it was finally defeated."

NEW YORK.

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|---------------------------------------------|--------------|--------------|-----------------------|
| POPULATION AND ATTENDANCE. | | | |
| Children between 5 and 21 years of age..... | 1,772,958 | 1,803,667 | I.....30,709 |
| Number of pupils enrolled | 1,033,269 | 1,033,813 | I.....544 |
| Average daily attendance | 630,595 | 637,487 | I.....6,892 |
| Number of pupils to each teacher..... | 58 | 43 | D.....15 |
| Length of school term, in weeks..... | 33.3 | 33.4 | I......1 |
| SCHOOLHOUSES. | | | |
| Number of— | | | |
| Log buildings..... | 54 | 49 | D.....5 |
| Frame buildings..... | 10,114 | 10,132 | I.....18 |
| Brick buildings..... | 1,437 | 1,456 | I.....19 |
| Stone buildings..... | 360 | 348 | D.....12 |
| Whole number..... | 11,965 | 11,985 | I.....20 |
| Value of schoolhouses and sites..... | \$37,418,355 | \$39,354,358 | I.\$1,936,003 |
| TEACHERS AND SALARIES. | | | |
| Number of men teaching..... | 5,651 | 5,549 | D.....102 |
| Number of women teaching | 26,075 | 26,438 | I.....363 |
| Whole number..... | 31,726 | 31,987 | I.....261 |
| Average annual salary of teachers..... | \$419.75 | \$418.76 | D.....\$0.99 |
| EXPENDITURES. | | | |
| Teachers' wages..... | \$9,676,092 | \$9,804,604 | I....\$128,512 |
| Libraries and apparatus..... | 432,972 | 420,416 | D.....12,556 |
| Schoolhouses, sites, etc..... | 2,866,521 | 3,744,560 | I.....878,039 |
| Other purposes..... | 2,005,256 | 2,080,665 | I.....75,409 |
| Whole amount..... | 14,980,841 | 16,050,245 | I...1,069,404 |

THE TEACHING SERVICE.

New York has increased her expenditure for public-school work from \$3,700,000 in 1860 to over \$16,000,000 in 1889. A consideration of this enormous increase of expenditure suggests the inquiry whether the schools are deriving all due profit from it. If the schools of the State come short of doing as excellent work as is done by the best European schools of similar grade, it is owing to laxness in conferring authority to teach, to indifferent training of teachers, and to the ill-usage which is put upon them.

Permanency in position is a prerequisite to the best results in schoolroom work. Yet out of 10,644 rural districts more than half of them had teachers who had not taught in the same districts the preceding term. More than 75 per cent. had not been a year in their present situations. During the year 3,251 teachers received their first certificates in the rural districts. Good school work can not be expected if the teacher is turned out of office whenever the trustee changes, or if his training has not been such as to put heart and soul into his work, or if he is not directed by and responsible only to competent authority.

New York State is leading the way to remedy the evils which stand in the way of a most substantial and professional teaching service. All her legislation, all the power of her State educational department, all the influence of her leading educators and educational journals have been in the direction of greater caution in the selection of teachers, more thorough and intelligent professional training, more permanent tenure of office, and better treatment for honest and competent work.

SCHOOL PROPERTY.

The legislation of recent years touching the improvement of school buildings and furnishings, supplemented by the publication by the State of schoolhouse designs, has led to the erection of an unprecedented number of new and handsome buildings and to the thorough repair and refurnishing of many old ones.

During the past year the public moneys were withheld from all districts until they were certified by supervisory officers to have complied with the provisions of the law concerning the number, arrangement, and character of the outbuildings connected with each schoolhouse.

ARBOR DAY.

The celebration of Arbor Day was generally observed in New York the first time Friday, May 3, 1889. The reports concerning the observance of the day indicate that the movement was heartily approved by teachers, school officers, pupils, and the general public. In some localities all other business was suspended for the day, the inhabitants vying with each other in making the exercises pleasant and profitable. Outside of the cities, 5,681 school districts reported as having observed the day, planting 24,166 trees, not including vines, shrubs, and flowers.

COMPULSORY ATTENDANCE LAW.

The compulsory education act of 1874 having failed hitherto to remedy the evils which led to its enactment, a new measure was prepared with great care, in which were embodied the principles which experience has shown to be essential in order to make any compulsory law effective. This measure passed the legislature, but failed to become a law for want of the approval of the governor. It will probably be amended and reintroduced the next ensuing session.

COURSES OF STUDY IN UNGRADED SCHOOLS.

The great difficulty which the ungraded rural schools have always encountered has been the entire absence of any fixed and orderly system of procedure. During the last year there has been a very decided movement towards mending the difficulty by providing a course of study for the ungraded schools. Two well-arranged courses have been put in operation, one in three counties, and the other has been approved and commended by twenty-two county school commissioners. Connected with these courses are systems of examination calculated to encourage continuous attendance, progressive study, and final graduation.

A STATE EDUCATIONAL COMMISSION PROPOSED.

Superintendent Draper, calling attention to the heavy expenditure for public education and the lack of organized system and method in school work, renews his recommendation for a State commission in the interest of education, upon a plan analogous

to those of Great Britain and Mexico. He is inclined to believe that a body composed of perhaps thirty or forty persons, in which the legislature, the colleges, the normal schools, the high schools, the district schools, the boards of trustees, the superintendents and commissioners, and the best professional opinion should be represented, and which should remain in session thirty or sixty days, and discuss general principles for the promotion of educational interests, would result in a strong impetus to the work and a permanent influence for good.

NEW LEGISLATION.

Expenses of superintendents.—The State superintendent is to make no allotment of State funds to any city or district for the expenses of a superintendent unless satisfied that such city, village, or district employs a competent person as superintendent, whose time is exclusively devoted to the general supervision of the schools.

Extension of school term.—The minimum number of weeks the school of a district is to be kept open in order to entitle it to share in the State apportionment has been increased from twenty-eight to thirty-two weeks, of five school days each.

Contracts with teachers.—No trustee shall employ a teacher for a shorter time than sixteen weeks, unless for the purpose of filling out an unexpired term of school; nor shall any teacher be dismissed in the course of a term except for reasons which, if appealed to the State superintendent, shall be held sufficient. Any failure on the part of a teacher to complete an agreement to teach a term of school, without good reason therefor, shall be deemed sufficient ground for the revocation of the teacher's certificate.

Raising money for teachers' wages.—No trustee shall issue an order or draw a draft upon any supervisor for money for the payment of teachers' wages, unless the supervisor has sufficient money in hand to meet such order or draft. If there is no such money available, and the district meeting has failed to authorize a tax to pay teachers' wages, the school trustees of the district are authorized to collect by district tax a sufficient amount.

Boards of education in union free school districts are authorized to levy a tax for teachers' wages and ordinary contingent expenses in case the inhabitants have neglected or refused to vote the same.

OHIO.

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|----------------------------------------------|----------|----------|-----------------------|
| DISTRICTS. | | | |
| Township districts..... | 1,345 | 1,347 | I.....2 |
| Separate districts..... | 793 | 810 | I.....17 |
| Whole number..... | 2,138 | 2,157 | I.....19 |
| Subdivisions in township districts..... | 11,192 | 11,204 | I.....12 |
| Subdivisions in separate districts..... | 934 | 987 | I.....53 |
| Whole number of subdivisions..... | 12,126 | 12,191 | I.....65 |
| TEACHERS AND WAGES. | | | |
| Number necessary to supply the schools..... | 18,893 | 19,215 | I.....322 |
| Men teaching in townships..... | 9,462 | 9,322 | D.....140 |
| Women teaching in townships..... | 8,412 | 8,446 | I.....34 |
| Men teaching in separate districts..... | 1,471 | 1,377 | D.....94 |
| Women teaching in separate districts..... | 5,513 | 5,741 | I.....228 |
| Whole number employed..... | 24,858 | 24,886 | I.....28 |
| Average monthly wages of— | | | |
| Men in township elementary schools..... | \$37.00 | \$37.00 | ..... |
| Women in township elementary schools..... | 27.00 | 27.00 | ..... |
| Men in township high schools..... | 64.00 | 63.00 | D.....\$1.00 |
| Women in township high schools..... | 48.00 | 47.00 | D.....1.00 |
| Men in separate district elementary..... | 64.00 | 57.00 | D.....7.00 |
| Women in separate district elementary..... | 43.00 | 44.00 | I.....1.00 |
| Men in separate district high schools..... | 78.00 | 79.00 | I.....1.00 |
| Women in separate district high schools..... | 64.00 | 65.00 | I.....1.00 |
| PUPILS. | | | |
| Number enrolled in elementary schools..... | 743,415 | 742,841 | D.....574 |
| Number enrolled in high schools..... | 33,801 | 34,321 | I.....520 |
| Whole number enrolled..... | 777,216 | 777,162 | D.....54 |
| Per cent. of enrollment on enumeration— | | | |
| In townships..... | 81.0 | 82.0 | I.....1.0 |
| In separate districts..... | 59.0 | 58.0 | D.....1.0 |

STATISTICAL SUMMARY—Continued.

| | 1887-88. | 1888-89. | Increase or decrease. |
|----------------------------------------------|--------------|--------------|-----------------------|
| PUPILS—continued. | | | |
| Per cent. of daily attendance on enrollment— | | | |
| In townships..... | 63.5 | 63.0 | D ..... .5 |
| In separate districts..... | 74.5 | 75.0 | I ..... .5 |
| SCHOOLHOUSES. | | | |
| Number erected— | | | |
| In townships..... | 339 | 349 | I .....10 |
| In separate districts..... | 57 | 47 | D .....10 |
| Total..... | 396 | 396 | |
| Whole number in the State..... | 12,715 | 12,712 | D .....3 |
| Value of schoolhouses and grounds..... | \$30,287,897 | \$31,381,033 | I.....\$1,093,136 |
| EXPENDITURES. | | | |
| Wages of superintendents and teachers..... | \$6,568,588 | \$6,760,398 | I.....\$191,810 |
| Sites and buildings..... | 1,300,085 | 1,198,058 | D.....102,827 |
| Fuel and other contingent expenses..... | 2,045,941 | 2,135,250 | I.....89,309 |
| Total..... | 9,914,624 | 10,093,706 | I.....179,082 |

ORGANIZATION OF THE SCHOOL SYSTEM.

Attention is called by the State superintendent to the waste that accompanies the carrying on of the school system, a waste which is nowhere more strikingly exhibited than in the "double-headed" system for township schools. The township and district boards, as the law now stands, are an obstruction to each other, and should be replaced by a single system, such as the cities and towns have. "This system would concentrate responsibility, which is now scattered and evasive. It would tend to unify courses of study and introduce better methods of instruction. Under it the adjustment of the number of schools to the wants of the school population would become more easy and uniform. It would, also, be likely to create in the public mind a sharper distinction between good and poor teaching. Above all, it would promote economy in the management of the schools."

COMPULSORY EDUCATION.

A more stringent compulsory education law was enacted at the last session of the legislature, an account of which is reserved for another part of this Report.

SUPERVISION NEEDED FOR COUNTRY SCHOOLS.

"The ungraded country district schools, in which one-half our youth are to get all the school education that will fall to their share, are the ones yet to feel the benefits of intelligent inspection and direction. A few townships in the State have arisen above the educational level of their neighbors, and have availed themselves of the permissive features of the law, and have adopted township supervision, reaping from their intelligent enterprise a fruitful harvest of good results for their schools. But these townships in number are but as a drop in the bucket.

"That Ohio has been so long without supervision for her country schools is a fact not to be easily accounted for. It certainly is not the result of indifference on the part of her educators. Within the last forty years they have pressed the question upon the attention of the legislature again and again. * * * Ohio can never have a school system commensurate with her greatness as a State until she has placed her country schools under intelligent supervision. Without this all schemes for the improvement of these schools must prove but temporary expedients and fall short of their full measure of usefulness."

CONTINUANCE OF SCHOOLS.

The law of Ohio provides that "each board of education shall establish a sufficient number of schools to provide for the free education of the youth of school age within the district under its control at such places as will be most convenient for the attendance of the largest number of such youth, and shall continue each and every day school so established not less than 24 weeks in each school year. This is a very impor-

tant provision of the law, yet it is not complied with by all township boards." In 1888-89 there were 30 counties having 80 delinquent townships, with 170 delinquent subdistricts. Of the 80 delinquent townships but 15 taxed up to the limit of the law. "Where the township taxes up to the lawful limit no blame can attach to the township board, for it has done all that the law permits it to do. But where boards fail to impose such a rate of taxation within the limits of the law as will produce a sum sufficient to continue all the schools of the township 24 weeks, such boards fail to discharge a sworn duty. Yet, in the year 1887-88, 12 townships in 1 county failed to provide 24 weeks of school for all the subdistricts of the townships, and but 1 of these townships levied up to 7 mills, and 3 of them levied a tax less than 2 mills."

PENNSYLVANIA.

[From Report for 1888-89 of State Superintendent E. E. Higbee.]

| | 1887-88. | 1888-89. | Increase or decrease. |
|------------------------------------------------|--------------|--------------|-----------------------|
| Number of school districts..... | 2,298 | 2,317 | I.....19 |
| Whole number of schools..... | 21,842 | 21,889 | I.....47 |
| Number of graded schools..... | 9,551 | 10,117 | I.....566 |
| Number of male teachers..... | 9,003 | 8,191 | D.....812 |
| Number of female teachers..... | 14,678 | 15,726 | I.....1,048 |
| Whole number of teachers..... | 23,681 | 23,917 | I.....236 |
| Average monthly salary of men teaching..... | \$38.54 | \$39.00 | I.....\$0.46 |
| Average monthly salary of women teaching..... | \$30.16 | \$30.31 | I.....\$0.15 |
| Average length of school term, in months..... | 7.48 | 7.49 | I......01 |
| Number of pupils..... | 941,625 | 954,409 | I.....12,784 |
| Average number of pupils..... | 674,179 | 687,355 | I.....13,176 |
| Cost of tuition..... | \$6,404,895 | \$6,669,798 | I.....\$264,903 |
| Cost of building, purchasing, and renting..... | \$2,007,636 | \$2,054,004 | I.....\$46,368 |
| Total expenditures..... | \$11,012,991 | \$11,902,261 | I.....\$889,270 |

"There has been a very large increase in the number of graded schools during the year, viz, 566. The whole number of graded schools is now 10,117, nearly one-half of all our schools. This rapid increase of graded schools demands most careful watchfulness upon the part of superintendents and teachers. While we have the great gain derived from such division of labor as the graded school secures, we must seek to avoid the serious dangers involved. Teachers confined to one line of studies, and those that are suited only to a certain age, are apt to take into view only the small section of a child's life belonging to that age, and this weakens the great incentive to work which comes from the clear vision of the end of education in the beginning. The end is not the examination for promotion to another grade. The solid culture of the child toward a well-furnished personality—a developed, intelligent life of thought and act—must be the main aim of all teaching, and this should not be broken in upon by any interruption of artificial grades. Hence great caution is required in graded schools, lest, through anxiety to promote from grade to grade, the child be fitted more for examination than for life.

"The increase in the salary of teachers has been very small. Now that the amount appropriated by the State is two millions—double what it was four years ago—it is to be hoped that the average salary of teachers will be greatly enlarged. It is now, for male teachers, only thirty-nine dollars per month, and for female teachers only a little over thirty dollars. This want of proper remuneration is injuring the status of our schools. It is retarding the whole educational work of the State, and every exertion should be made to remedy this defect. Direct legislation can effect but little. Public sentiment must be aroused. Directors and parents must realize the vast importance of our schools and the great responsibility of our teachers, and refuse to make the matter of selecting them nothing more than the employment of the cheapest candidates in the market. Our superintendents also must make the provisional certificates fewer and fewer, demanding higher grades and insisting on more thorough examinations. By concerted action the way may be opened for a better condition of affairs as regards salaries and tenure of office.

"While thankful for the legislation secured in behalf of the schools, we regret very much that the bill for a closer supervision of our schools in rural districts failed of passage. Closer supervision is so necessary that it must soon come. The need of it becomes more apparent every day, and very many directors are only waiting for authority to organize the work."

RHODE ISLAND.

[From Report for 1888-89 of State Superintendent Thomas B. Stockwell.]

STATISTICAL SUMMARY.

| | 1887-83. | 1888-89. | Increase or decrease. |
|----------------------------------------------------|-----------|-----------|-----------------------|
| POPULATION AND ATTENDANCE. | | | |
| Children from 5 to 15 years of age, inclusive..... | 64,395 | 64,905 | I.....510 |
| Number enrolled in public schools..... | 52,722 | 51,895 | D.....827 |
| Average number belonging | 36,414 | 37,611 | I.....197 |
| Average number attending | 33,583 | 33,803 | I.....220 |
| SCHOOLS. | | | |
| Number of graded schools..... | 737 | 735 | D.....2 |
| Number of ungraded schools | 276 | 272 | D.....4 |
| Whole number of schools..... | 1,013 | 1,007 | D.....6 |
| Average length of schools, in months..... | 9.6 | 9.5 | D......1 |
| TEACHERS AND WAGES. | | | |
| Men employed..... | 170 | 171 | I......1 |
| Women employed | 1,168 | 1,196 | I......28 |
| Whole number of teachers..... | 1,338 | 1,367 | I......29 |
| Number necessary to supply the schools | 1,104 | 1,130 | I......26 |
| Average monthly wages of men..... | \$85.99 | \$87.06 | I.....\$1.07 |
| Average monthly wages of women | \$44.40 | \$45.20 | I.....\$0.80 |
| Number educated at colleges and universities..... | 71 | 70 | D......1 |
| Number educated at normal schools | 378 | 404 | I......26 |
| Number educated at academies or high schools..... | 745 | 755 | I......10 |
| EVENING SCHOOLS. | | | |
| Number of schools..... | 40 | 43 | I......3 |
| Average length of schools, in weeks | 13 | 14 | I......1 |
| Number of pupils enrolled..... | 5,325 | 5,870 | I.....545 |
| Average attendance | 2,188 | 2,089 | D.....99 |
| EXPENDITURES. | | | |
| Wages of teachers in day schools | \$538,124 | \$554,807 | I.....\$16,683 |
| Cost of school supervision..... | 18,474 | 18,606 | I.....132 |
| Sites, buildings, and furniture..... | 184,785 | 217,213 | I.....32,428 |
| Libraries and apparatus..... | 4,592 | 5,109 | I.....517 |
| Other purposes..... | 79,097 | 111,551 | I.....32,454 |
| Whole amount expended..... | 825,072 | 907,287 | I.....82,215 |

The general condition of the schools does not change very materially in any one year, but what changes are made are in the line of still further progress and development. There are several considerations which lead one to believe that the public schools are doing more successful work than formerly. That the people highly appreciate the education their children receive at the public schools is evidenced by the constantly recurring votes of towns and districts for the erection of school buildings and by the numerous demands for the establishment of high schools. That the character of the instruction given in the public schools has improved may be inferred from the fact that a larger proportion of the teachers are graduates of high schools, academies, and especially normal schools.

ATTENDANCE.

The school census shows a slight increase in school population, but the increase in the number of children attending public and private schools was three times as great. The great difficulty encountered, however, is the irregularity of attendance; it is the constant complaint of school committees. But there seems to be no available remedy for it unless parents can be made to fully realize and appreciate the benefits of education. The compulsory law can secure the attendance of children for a specified term, but it can not eradicate the evil of irregularity. "The number of children between the ages of 7 and 15, or those over whom the compulsory law is especially extended, was reduced 449, or nearly 10 per cent., while the number of those who attended less than 12 weeks, the minimum time fixed by law, was reduced nearly 20 per cent." This shows that

laws for compulsory attendance are meeting with good success. In some of the towns they are much more strictly enforced than in others. In Pawtucket, Woonsocket, Newport, South Kingston, and East Greenwich the enforcement of the law is found to be simple and feasible. There is no reason why it should not be as thoroughly enforced in the city of Providence. In many of the rural districts it is rarely necessary to resort to extreme measures; the simple fact that there is an officer to secure the attendance of children at school accomplishes the purpose. While a large number of cases of truancy are reported as having been investigated, only eleven were convicted. The length of time during which it is required that all pupils shall attend the public schools is only twelve weeks. It should probably be twenty weeks. It seems that all children between seven and twelve years of age, the most suitable years for them to acquire an education, should be attending school for more than the short period of twelve weeks. Sufficient progress can not be made in so short a time. Again, in most of the schools promotions are made twice a year, so that the classes are half a year apart, and, if attendance were required for twenty weeks, all the children would attend long enough to complete one grade each year.

SIZE OF SCHOOLS.

The number of small ungraded schools is constantly increasing. Fifty-four schools were reported as having less than ten pupils each, and some of them were so small that they scarcely deserved to be called schools. Much better results can be secured in large graded schools. It would be better to incur the expense of conveying children to a large school rather than to pay the salaries of teachers of such small schools.

ACCOMMODATIONS.

By comparing the number of sittings reported by the towns and districts with the school population it is found that there are accommodations for 94 per cent. of the children needing them. In many of the country towns there are more sittings than are needed, but in the manufacturing communities there is not a sufficient number. It is in these communities, too, that the compulsory law is most poorly enforced, and the children are not expected to attend the whole year. There is very little occasion, therefore, for any child to remain away from school on account of the want of accommodation. In those towns where there has been a deficiency in school accommodations provision is being made to supply the want by erecting large, well-planned, and convenient buildings.

TEACHERS AND WAGES.

Heretofore the number of male teachers has been constantly diminishing, but during the last year the number has increased by one. It is very desirable that the number of male teachers shall be still further increased, for, however successful women may be as teachers, it is not well that men should be entirely excluded. A larger number of the teachers were graduates of normal schools, high schools, and academies; it is therefore to be inferred that the work was well done. The number of pupils to a teacher was the same as in the previous year—thirty-three.

The salaries of teachers run higher than in the preceding year, men receiving \$1.07 more per month, and women 80 cents. The salaries of all the teachers are still lower than they should be, but especially is this true of teachers' salaries in the village grammar schools.

SUPERVISION.

The whole amount expended for school purposes was over \$900,000, but the amount paid out for supervision of schools was \$18,606, or a trifle over 2 per cent. of the whole amount expended. A large part of the supervision which schools receive is furnished without any compensation whatever, and without this voluntary supervision many of the schools would utterly fail. The State should not ask men to take this time away from their own affairs and to give it to the public. Moreover, the schools deserve more attention than they have heretofore received.

Each city and town is allowed to make its own regulations for determining the qualifications of its teachers; consequently, there is no uniformity in the requirements at all. Some of the cities require very high attainments, while others are very lax. All teachers in the State should be required to attain to a certain minimum standard of education, and cities should be allowed to require a standard as much higher as they see fit.

DISTRICT SYSTEM.

The board of education renews its former recommendation, which was also indorsed by the governor in his message to the legislature, that steps be taken to secure the abolishment of school districts: All the school officers of the State, as well as every State superintendent in New England, speak in favor of this change.

PUBLIC LIBRARIES.

There are 33 free public libraries containing 152,390 volumes, an increase of 8,121 over last year. Of course a large proportion of the books read are fictitious works, but there was a slight increase in the number of historical and educational works read. It is very important that good librarians should be secured so that they may know what kinds of books to recommend to the different classes of readers in order that they may be gradually interested in instructive works.

DRAWING.

There is a strong disposition now on the part of young men to enter upon mechanical pursuits rather than agricultural. The instruction given in the schools should always have a wise reference to the future work of the pupils in order that they may be well qualified to discharge their duties. For this reason the board of education consider it very important that drawing shall be taught in the schools, some skill in drawing being essential to successful industrial work.

SCHOOL APPARATUS.

The amount expended for school apparatus and books of reference was \$1,319.16. Many books of reference in history, biography, and travels were purchased, and, as music is now so generally taught in the schools, better facilities for its instruction have been provided. Many valuable aids for the study of natural history have also been provided. "One of the most noticeable features of late movements in this line is the variety of material provided for use in the primary school. 'Busy Work' has won for itself a prominent place in all of our better primary schools, and the problem now is no longer how to keep the children still, but how to keep them busy."

MORAL TRAINING.

Much is being said at the present time about the lack of moral training in the public schools. However thorough may be the instruction given, if the schools fail to impress the children with the full importance of virtuous principles they have fallen short of their proper work. It is quite probable, however, that the fault does not attach to the schools, but to the homes and the environments of the pupils.

PRIMARY EDUCATION.

A great change is taking place in the methods of instruction in the primary schools. It is no longer thought proper to place from 75 to 100 children in the care of one teacher. It is no longer thought that we can judge of the success of a teacher by the degree of quiet which she is able to secure. Life, movement, animation now characterize the successful primary schools.

SOUTH CAROLINA.

[From Report for 1888-89 of State Superintendent James H. Rice.]

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|-----------------------------------------------|-----------|-----------|-----------------------|
| ATTENDANCE. | | | |
| Number of white boys enrolled..... | 47,609 | 46,842 | D.....767 |
| Number of white girls enrolled..... | 42,491 | 42,919 | I.....428 |
| Number of colored boys enrolled..... | 50,873 | 50,936 | I.....63 |
| Number of colored girls enrolled..... | 52,461 | 53,567 | I.....1,106 |
| Whole number enrolled..... | 193,434 | 194,264 | I.....830 |
| Number of boys in average attendance..... | 70,501 | 63,968 | D.....6,533 |
| Number of girls in average attendance..... | 69,056 | 65,281 | D.....3,775 |
| Whole number in average attendance..... | 139,557 | 129,249 | D.....10,308 |
| SCHOOLS. | | | |
| Number of schools..... | 3,922 | 3,948 | I.....26 |
| Average duration, in months..... | 3.6 | 3.4 | D......2 |
| Number of schoolhouses..... | 3,280 | 2,962 | D.....318 |
| Number erected during the year..... | 86 | 103 | I.....17 |
| TEACHERS. | | | |
| White men teaching in public schools..... | 1,192 | 1,168 | D.....24 |
| White women teaching in public schools..... | 1,419 | 1,460 | I.....41 |
| Colored men teaching in public schools..... | 1,050 | 1,042 | D.....8 |
| Colored women teaching in public schools..... | 542 | 580 | I.....38 |
| Whole number of teachers..... | 4,203 | 4,250 | I.....47 |
| SALARIES. | | | |
| Average monthly salary of men teaching..... | \$26.68 | \$26.61 | D.....\$.07 |
| Average monthly salary of women teaching..... | 23.80 | 23.50 | D......30 |
| EXPENDITURES. | | | |
| Teachers' salaries..... | \$385,257 | \$396,333 | I.....\$11,076 |
| Rent of schoolhouses..... | 2,990 | 3,262 | I.....272 |
| Maps, globes, charts, etc..... | 314 | 1,960 | I.....1,646 |
| Books for school libraries..... | 188 | 198 | I.....10 |
| New schoolhouses..... | 5,443 | 19,291 | I.....13,848 |
| Salaries of school commissioners..... | 19,087 | 20,033 | I.....946 |
| Total disbursements..... | 430,669 | 460,434 | I.....29,765 |

a Including 7,109 not classified according to sex or race.

GENERAL LOCAL TAX BILL.

After many years of vain effort a general local tax bill has been enacted by the general assembly, and was approved by the governor December 24, 1888. It will no longer be necessary for the people of any school district desiring to provide a fund supplementary to the State fund to get the special authorization of the general assembly; but the voters of any school district who return real or personal property for taxation to the amount of \$100 may levy a local tax not exceeding two mills and appropriate the same to such school purposes as they may see fit.

Any city, incorporated town, or village desiring to establish a system of graded or other public schools is constituted a separate school district.

Each taxpayer may have the tax paid under this act applied to any school in his district he may designate. Where no designation is made the money will be expended as other school funds in such district.

The new local tax law will prove of inestimable benefit, though the tax is too small for country schools. Some districts have been put in operation under the new law, but the amount raised by the tax is not sufficient to give the schools the length of term required.

The most urgent need of the school system in South Carolina is illustration, the practice of its principles in every community.

TOWN SCHOOLS.

The public schools steadily gain ground. In the towns the system of graded schools is being gradually adopted. Sumter, Darlington, and York, three of the largest centers of influence in this State, held during the year their first session under this plan. At no distant day every important place is expected to follow their lead.

The people of South Carolina are intensely conservative. They have been watching with a jealous eye the development of the new educational ideas and refuse to move until the success of a scheme has been thoroughly demonstrated. This has been done so fully that the business men are now leaders in the movement for a more complete system of public schools. Already splendid schools have been established at Charleston, Columbia, Greenville, Spartanburg, Rock Hill, Winnsborough, Chester, Seneca, Johnston, Barnwell, Marion, Florence, Bennettsville, Camden, and other important places. These recommend themselves by their cheapness, their thoroughness, and the vital fact that they reach every child. It is simply a question of time, Superintendent Rice says, when every town in the State that has real vitality and desires to educate the masses will have its graded school.

COUNTRY SCHOOLS.

The country schools present more points of difficulty. Property is less valuable and the population sparse, being mainly an agricultural people. Free labor is unreliable and expensive, and the children are needed upon the farms a large part of the year. This, while it gives them a valuable practical training in the different branches of agriculture, necessitates brief school terms. If a ten months' free graded school were located in every community very many could not use it more than six months. As a rule they use their opportunities well; and the school term in all cases may be made to extend to six months by the application of the new general local tax act.

The point requiring closest attention is the character of the work done during these short terms. Of the State system itself, the superintendent says: "After years of study of its provisions and contact with its operation and agencies in every part of the State, I say, with emphasis, that its principles are simple, wise, and strong." The trouble is that it has not been administered with fidelity. The great cry is for money; but if the school work is well done in the short terms and the money honestly applied the people will raise every dollar necessary. There is already great progress in many country school districts. They will compare favorably with the towns in the character of their schoolhouses, their equipment, length of session, competency of teachers, and vital connection on the part of parents with the administration of school affairs. There has been a large increase in the number and value of school buildings owned by the State. In some counties a good schoolhouse may be found in every locality.

PEABODY FUND AID TO GRADED SCHOOLS.

South Carolina has received a larger amount from this fund during the last year than any other Southern State. This has resulted in aid being given to graded schools. The total amount appropriated to graded schools from this source was \$4,450, of which Charleston received \$1,000 and Greenville \$850. Every one of these schools is successfully conducted, and furnishes to the community in which it is situated the very best practical evidence of its adaptability to educate people. These schools receive assistance three years under certain conditions. At the close of their three-year terms the towns are taxing themselves for better buildings and more thorough equipment. A detailed account of the operations of these various schools, their cost, their ability to handle large numbers, and to train children thoroughly, will astonish and delight every friend of learning.

TENNESSEE.

[From Report for 1888-89 of State Superintendent Frank M. Smith.]

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|-------------------------------------------------------------|-----------|-------------|-----------------------|
| POPULATION AND ATTENDANCE. | | | |
| White population between 6 and 21 years of age..... | 489,674 | 502,130 | I.....12,456 |
| Colored population between 6 and 21 years of age..... | 162,834 | 169,447 | I.....6,613 |
| Total population between 6 and 21 years of age..... | 652,508 | 671,577 | I.....19,069 |
| White pupils enrolled <i>a</i> | 342,089 | 337,158 | D.....4,931 |
| Colored pupils enrolled <i>a</i> | 91,435 | 95,556 | I.....4,121 |
| Whole number enrolled <i>a</i> | 436,524 | 432,714 | D.....3,810 |
| White pupils in average daily attendance <i>a</i> | 244,258 | 223,934 | D.....20,324 |
| Colored pupils in average daily attendance <i>a</i> | 64,711 | 61,172 | D.....3,539 |
| Whole number in average daily attendance <i>a</i> | 308,969 | 285,106 | D.....23,863 |
| Average length of school term, in days..... | 79 | 85 | I.....6 |
| SCHOOLS AND SCHOOLHOUSES. | | | |
| Schools for white pupils..... | 5,427 | α 5,377 | D.....50 |
| Schools for colored pupils..... | 1,424 | α 1,496 | I.....72 |
| Whole number of schools..... | 6,851 | α 6,873 | I.....22 |
| Number of schoolhouses..... | 6,130 | α 6,100 | D.....30 |
| TEACHERS. | | | |
| Number of white teachers..... | 6,097 | α 6,319 | I.....222 |
| Number of colored teachers..... | 1,621 | α 1,811 | I.....190 |
| Whole number of teachers..... | 7,718 | α 8,130 | I.....412 |
| FINANCIAL STATEMENT. | | | |
| Paid teachers..... | \$906,923 | \$1,055,641 | I.....\$58,118 |
| Paid county superintendents..... | 23,786 | 23,333 | D.....453 |
| Paid district clerks..... | 11,543 | 10,097 | D.....1,446 |
| Paid for sites, buildings, and repairs..... | 68,593 | 89,613 | I.....21,020 |
| Paid for furniture, fixtures, libraries, and apparatus..... | 17,175 | 25,844 | I.....9,669 |
| Paid for other purposes..... | 69,910 | 27,495 | D.....42,415 |
| Total expenditures..... | 1,157,930 | 1,232,473 | I.....74,543 |
| Total value of school property <i>a</i> | 2,216,375 | 2,161,923 | D.....54,452 |
| Average monthly salary of teachers..... | 29.71 | 30.40 | I......69 |
| Average monthly cost of tuition per pupil..... | .87 | .80 | D......07 |
| PRIVATE SCHOOLS. | | | |
| Number of private schools..... | 1,102 | 1,125 | I.....23 |
| Number of teachers employed..... | 1,555 | 1,492 | D.....63 |
| Number of pupils enrolled..... | 39,600 | 42,957 | I.....3,357 |
| Average daily attendance..... | 25,544 | 27,374 | I.....1,830 |
| Average cost of tuition for each pupil, per month..... | \$1.45 | \$1.58 | I.....\$0.13 |

α A few counties not reporting are estimated.

Superintendent Smith states that his report was published later than it should have been on account of his not having received full returns.

The salaries of county superintendents are so small that competent men refuse to accept the place, or if they do accept it they do not give proper attention to the work. Again, it seems impossible to secure prompt and full reports from the district clerks and county trustees. The remedy suggested is that county superintendents be paid liberal salaries and be vested with the power of approving warrants.

As only about two-thirds of the school population are enrolled in the schools it would seem that the education of a large proportion of the children is being neglected. But other things should be considered in this connection. The scholastic population embraces all persons between the ages of six and twenty-one, but many parents do not send their children to school until they are seven years of age, and many boys and girls complete the course of the public schools by the time they are fifteen. Some allowance should also be made for the number attending private schools.

UTAH.

[From Second Annual Report to Congress of the Commissioner of Schools for Utah, Jacob S. Boreman.]

SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|------------------------------------------------|----------|----------|-----------------------|
| SCHOOL POPULATION. | | | |
| Children of non-Mormon parents: | | | |
| Boys between 6 and 18 years of age | 3,941 | 4,732 | I .....791 |
| Girls between 6 and 18 years of age | 3,641 | 4,298 | I .....657 |
| Whole number | 7,582 | 9,030 | I .....1,448 |
| Children of Mormon parents: | | | |
| Boys between 6 and 18 years of age | 24,082 | 25,106 | I .....1,024 |
| Girls between 6 and 18 years of age | 23,239 | 24,346 | I .....1,057 |
| Whole number | 47,371 | 49,452 | I .....2,081 |
| Entire number between 6 and 18 | 54,953 | 58,482 | I .....3,529 |
| ATTENDANCE. | | | |
| Non-Mormon children enrolled | 2,336 | 2,612 | I .....276 |
| Mormon children enrolled | 31,836 | 31,609 | D .....227 |
| Total enrollment | 34,172 | 34,221 | I .....49 |
| TEACHERS AND SALARIES. | | | |
| Non-Mormon men teaching | 16 | 23 | I .....7 |
| Non-Mormon women teaching | 24 | 37 | I .....13 |
| Mormon men teaching | 312 | 280 | D .....32 |
| Mormon women teaching | 289 | 295 | I .....6 |
| Whole number of teachers | 641 | 635 | D .....6 |
| Average monthly salary of— | | | |
| Non-Mormon men | \$56.92 | \$56.14 | I .....\$9.22 |
| Non-Mormon women | 35.60 | 32.90 | D .....2.70 |
| Mormon men | 47.81 | 50.38 | I .....2.57 |
| Mormon women | 27.54 | 29.40 | I .....1.86 |
| EXPENDITURES. | | | |
| Sites, buildings, and furniture | \$33,530 | \$48,492 | I .....\$14,962 |
| Libraries and apparatus | 4,094 | 8,850 | I .....4,756 |
| Salaries of superintendents and teachers | 174,531 | 188,899 | I .....11,368 |
| For other purposes | 32,115 | 41,615 | I .....9,500 |
| Total expenditures | 244,270 | 284,856 | I .....40,586 |
| DENOMINATIONAL SCHOOLS. | | | |
| Number of schools | 89 | 99 | I .....10 |
| Number of schools reported | 79 | 48 | D .....31 |
| Non-Mormon teachers | 148 | 108 | D .....40 |
| Mormon teachers | 32 | 15 | D .....17 |
| Non-Mormon children enrolled | 3,773 | 1,166 | D .....2,607 |
| Mormon children enrolled | 2,897 | 1,477 | D .....1,420 |
| Whole number enrolled | 6,670 | 4,382 | D .....2,288 |

Under the act of Congress of March 3, 1887, the office of Territorial superintendent of district schools created by the laws of Utah was abolished, and it was made the duty of the supreme court of the Territory to appoint a commissioner of schools, who should possess and exercise all the powers and duties previously imposed upon the Territorial superintendent by the laws of the Territory, and who should report annually to Congress.

An examination of the reports of the commissioner of schools and of the governor of the Territory reveals the fact that the public-school system of Utah falls far short of what it should be, that not more than one-half the children in the Territory attend them, and that not more than one-half of the expenses of the public schools are paid from public funds, the remaining half being raised by charges for tuition.

The outlook for the future is equally discouraging, for the Mormon leaders, who exercise their influence over five-sixths of the people, are now beginning to establish church schools in each "stake" or church district. Since the passage of the law in 1837 which forbids the use in school of the Book of Mormon or any other sectarian book, their opposition has become intensified. If any improvement is made in the public schools it must originate outside the Territory.

DENOMINATIONAL SCHOOLS.

Quite a number of denominational schools have been established in the Territory by the different sects in the United States. Of these the Presbyterians have 33; the Congregationalists, 24; Methodists, 21; Roman Catholics, 6; Episcopalians, 6; Lutherans, 1; Baptists, 2; and Mormons, 6. The exact number of children attending these schools is not known, but it is estimated to be near 8,000. These schools, except those under Mormon control, would readily give place to a good system of common schools, conducted by competent teachers; it is thought that if the common schools were made entirely free, and if they did good work, the Mormon schools also would have to yield before them.

SCHOOL LANDS.

The whole amount of land granted by Congress for the benefit of schools in the Territory is 46,080 acres; but as the value of these lands is much lowered on account of the scarcity of water, they are only worth about \$1.25 per acre, or about \$60,000 or \$75,000 as a whole.

VERMONT.

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|-------------------------------------------------------------|-----------|-----------|-----------------------|
| Number of school districts..... | 2,144 | 2,237 | I.....93 |
| Number of public schools..... | 2,547 | 2,452 | D.....95 |
| Average number of days of schools..... | 137 | 134.5 | D.....2.5 |
| Number of pupils of 5 to 20 years enrolled..... | 68,453 | 68,558 | I.....105 |
| Average daily attendance..... | 46,061 | 47,235 | I.....1,174 |
| Average number of days attended by each pupil enrolled..... | 92 | 92.5 | I.....0.5 |
| Male teachers..... | 479 | 473 | D.....6 |
| Female teachers..... | 3,517 | 3,632 | I.....115 |
| Total number of teachers..... | 3,996 | 4,105 | I.....109 |
| Teachers who have attended a Vermont normal school..... | 554 | 546 | D.....8 |
| Teachers graduates of a normal school..... | 404 | 382 | D.....22 |
| Average weekly wages of male teachers..... | \$9.30 | \$9.21 | D.....\$0.09 |
| Average weekly wages of female teachers..... | 5.23 | 5.33 | I......10 |
| Number of schools having 6 scholars or less..... | 123 | 132 | I.....9 |
| Number of schools having more than 6 and less than 13..... | 548 | 529 | D.....19 |
| Total school revenue..... | \$628,157 | \$629,403 | I.....\$1,246 |
| Total school expenditure..... | 640,274 | 634,004 | D.....6,270 |
| Paid for teachers' wages..... | 473,309 | 478,929 | I.....5,620 |
| Paid to town superintendents (in addition)..... | 10,118 | 9,306 | D.....812 |
| Appropriations to normal schools..... | 8,400 | 8,784 | I.....384 |
| Estimated private school attendance..... | 6,972 | 6,726 | D.....246 |

NEW LEGISLATION.

A new school law was enacted by the general assembly in 1888 and approved by the governor November 27, to take effect immediately. It had been drafted with great care by a board appointed especially to that end.

The principal change was from town to county superintendency.

A new and more stringent system of examinations for teachers' positions was adopted, the examinations to be simultaneous and uniform, and conducted by the county super-visors.

Provision was made for an annual school census, giving the number of children of each year of age and the number of each year of age enrolled in the public schools. These facts are of prime importance in the study of any school system.

County uniformity of text-books was adopted, certain measures taken to equalize the revenues of the different districts of the several towns, the school year changed so as to end June 30, the school age changed from 6-20 to 6-18, and other alterations made.

VIRGINIA.

[From Report for 1883-89 of State Superintendent John L. Buchanan.]

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|------------------------------------------------------------------------------------|-------------|-------------|-----------------------|
| ATTENDANCE. | | | |
| White pupils enrolled..... | 211,449 | 217,776 | I.....6,327 |
| Colored pupils enrolled..... | 118,831 | 119,172 | I.....341 |
| Whole number enrolled..... | 330,280 | 336,948 | I.....6,668 |
| White pupils in average daily attendance..... | 124,994 | 129,907 | I.....4,913 |
| Colored pupils in average daily attendance..... | 64,422 | 65,618 | I.....1,196 |
| Whole number in average daily attendance..... | 189,416 | 195,525 | I.....6,109 |
| Percentage of white school population enrolled..... | 61 | 63 | I.....2 |
| Percentage of colored school population enrolled..... | 45 | 45 | I..... |
| Percentage of white school population in average daily attendance..... | 36 | 37.5 | I.....1.5 |
| Percentage of colored school population in average daily attendance..... | 24 | 24.5 | I.....0.5 |
| Average term of schools, in months..... | 5.95 | 5.96 | I.....0.01 |
| Average monthly enrollment per school..... | 35 | 35 | I..... |
| Average daily attendance per school..... | 26 | 26 | I..... |
| SCHOOLS AND SCHOOLHOUSES. | | | |
| Schools for white children..... | 5,154 | 5,268 | I.....114 |
| Schools for colored children..... | 2,115 | 2,142 | I.....27 |
| Whole number..... | 7,269 | 7,410 | I.....141 |
| Number of schoolhouses..... | 6,205 | 6,341 | I.....136 |
| Number built during the year..... | 309 | 322 | I.....13 |
| TEACHERS AND SALARIES. | | | |
| White male teachers..... | 2,361 | 2,294 | D.....67 |
| White female teachers..... | 3,012 | 3,178 | I.....166 |
| Whole number..... | 5,373 | 5,472 | I.....99 |
| Colored male teachers..... | 1,010 | 964 | D.....46 |
| Colored female teachers..... | 899 | 987 | I.....88 |
| Whole number..... | 1,909 | 1,951 | I.....42 |
| Whole number of white and colored teachers..... | 7,282 | 7,423 | I.....141 |
| Average number of years taught in public and private schools (per teacher): | | | |
| White..... | | 5.63 | I..... |
| Colored..... | | 3.71 | I..... |
| Average number of consecutive years taught present (or last) school (per teacher): | | | |
| White..... | | 3.04 | I..... |
| Colored..... | | 2.41 | I..... |
| Average monthly salary of men teaching..... | \$31.00 | \$31.36 | I.....\$0.36 |
| Average monthly salary of women teaching..... | 26.40 | 26.74 | I......34 |
| FINANCIAL STATEMENT. | | | |
| Expended for current purposes..... | \$1,389,242 | \$1,431,388 | I.....\$42,146 |
| Expended for permanent improvements..... | 169,111 | 189,421 | I.....20,310 |
| Whole amount expended..... | 1,558,353 | 1,620,809 | I.....62,456 |
| Cost of education per month per pupil enrolled..... | .70 | .70 | I..... |
| Cost of education per month per pupil in average daily attendance..... | 1.22 | 1.23 | I......01 |

The State superintendent points out some of the defects of the public schools of Virginia, not for the purpose of showing that the system is unsatisfactory, but rather to make known in what respects he thinks the schools should and can be improved. The average monthly salary of teachers, the average length of the school term, the average daily attendance per school, and the average cost of education per pupil have varied very little for several years. There has been for a number of years a gradual but constant increase in the number of schools, enrollment, average daily attendance, number of teachers, and in the expenditures for school purposes. There were 5,803 white pupils and 3,633 colored pupils supplied with text-books at public expense.

COMPULSORY SCHOOL LAWS.

It is to be regretted that the percentage of school population enrolled is so low, and especially that the average attendance is so small. In many of the counties the school term is not longer than twenty weeks. There is also great irregularity in the attend-

ance of pupils. The constitution of the State expressly permits the enactment of laws to prevent parents and guardians from allowing their children to grow up in ignorance. When it is considered how much has been spent in the erection of school buildings, and how much is annually expended for the payment of teachers' salaries and other educational purposes, and when it is considered how far the social and economical welfare of the State depends upon the education of its citizens, it seems but reasonable that some effort should be made to induce parents to grant their children the benefits of an education. Some authority will very probably be needed, because of the fact that education is least appreciated by those who stand in greatest need of it. So long, however, as public sentiment remains as it is, it would be difficult to enforce such a law.

SCHOOL FUNDS.

With the exception of a few hundred dollars, all the money expended for school purposes is raised by taxation. The whole amount was \$62,456 more than in the previous year. Nearly one-half of the school funds was derived from levies made by cities, counties, and districts. There is great need of additional funds to lengthen the school term and to increase the salaries of teachers, for it can not be expected that teachers of a high order will be content with an annual salary of \$150 or \$175; but, on account of the financial difficulties of the State, it is impossible to increase the rate of taxation, especially in the rural communities.

TEACHERS.

There are many teachers in Virginia who will compare very favorably with those in any section of our country in all that constitutes an adequate moral and intellectual equipment for the schoolroom. In intellectual force, in scholastic attainments, in general culture, in elevated personal character, in tact, energy, earnestness, and enthusiasm, and in a clear comprehension of the great ends to be reached by education, there are many entitled to high rank. There are many who, at no inconsiderable sacrifice, readily avail themselves of every means and every opportunity within their reach to improve themselves in their profession. But there is another class of teachers quite different from the one just described. Many of them are incompetent and careless, and only think of the pay to be received. It would be well if a larger number of persons who had received a collegiate or higher education than that given in the public schools were employed. At present only 1,030 out of 7,423 teachers are graduates of incorporated institutions. A collegiate education "broadens the mental horizon, gives higher ideals, elevates character, tone, and purpose." To obtain the higher education, however, requires several years of study and the outlay of considerable money. Those who have made these sacrifices can usually obtain positions paying much better salaries than those of teachers.

As States become more thickly populated and their citizens better educated the proportion of female teachers increases. The delicate sensibilities and sympathetic nature of woman render her peculiarly fitted for taking charge of small children, and it is often found that she can discharge the duties of more responsible positions equally well.

SUPERVISION.

It is a recognized fact that in many of the schools the teachers are incompetent or inexperienced, that they are unacquainted with the new and improved methods, and that the children can not there acquire high ideals of school work. It is impossible to obtain a full supply of efficient and intelligent teachers under existing conditions. There are two normal schools for white teachers and two for colored teachers, but these can not at all supply the necessary number, even if they were entirely devoted to training teachers for their special work. It is possible, however, to obtain a full supply of competent supervisors. Although some persons seem to regard the work of supervisors as of little advantage, there can be but little doubt that a capable, active, and skillful county or city superintendent can do much towards elevating and improving the schools in his charge. It is very important that he should have had some experience as a teacher himself. In counties where there are more schools than one person can supervise, inspectors might be appointed to visit a number of schools.

PHYSIOLOGY AND HYGIENE.

It is recommended that instruction in physiology and hygiene be given in the schools, as it is very important that children should know something of the structure of the human body, and how it can be kept in a condition of health and vigor. Many of the

teachers employed at present would not be qualified to give such instruction, but if it were included among the subjects of examination they would soon become acquainted with it. The instruction should not be given entirely from text-books, but by familiar talks upon important subjects connected with the preservation of health.

COURSE OF STUDY.

In some of the States there has been adopted a uniform plan for the organization and classification of ungraded schools, as well as a regular, systematic, and progressive course of studies for each grade. By this arrangement teachers can enter upon their work by a uniform plan, and there will be a continuous progression of pupils from year to year without regard to changes of teachers.

ARBOR DAY.

In twenty-six States and Territories Arbor Day is now observed, and in seven others the school officers will bring the subject to the attention of the legislatures. The observance of such a day would be of great value in different ways. Many trees would be planted about schoolhouses and at the homes of pupils, children would be instructed as to what kinds of trees it is best to plant and how to plant them; but, what is better, their attention would be called to the importance of preserving forests and to the benefits to be derived from them.

WASHINGTON.

[From Report for 1888-89 of Superintendent J. H. Morgan.]

STATISTICAL SUMMARY.

| | 1887-88. | 1888-89. | Increase or decrease. |
|-----------------------------------------|-----------|-------------|-----------------------|
| POPULATION AND ATTENDANCE. | | | |
| Children of school age..... | 59,833 | 72,723 | I.....12,890 |
| Number enrolled in public schools..... | 38,673 | 46,751 | I.....8,078 |
| Average daily attendance..... | 25,235 | 29,247 | I.....4,012 |
| Average term of schools, in months..... | 4.6 | 4.6 | ..... |
| TEACHERS AND SALARIES. | | | |
| Number of men teaching..... | 455 | 536 | I.....81 |
| Number of women teaching..... | 830 | 813 | D.....17 |
| Whole number..... | 1,285 | 1,349 | I.....64 |
| Average salary of men per month..... | \$45.69 | \$47.66 | I.....\$1.97 |
| Average salary of women per month..... | 37.80 | 39.67 | I.....1.87 |
| SCHOOLHOUSES. | | | |
| Number built during the year..... | 106 | 126 | I.....20 |
| Whole number of schoolhouses..... | 926 | 1,044 | I.....118 |
| Estimated value of schoolhouses..... | \$722,388 | \$1,094,462 | I.....\$372,074 |
| EXPENDITURES. | | | |
| Teachers' salaries..... | \$239,588 | \$314,594 | I.....\$75,006 |
| Sites, buildings, and furniture..... | 66,753 | 272,900 | I.....206,147 |
| Rents and repairs..... | 16,695 | 21,123 | I.....4,428 |
| Fuel and other expenses..... | 36,963 | 46,494 | I.....9,531 |
| Total expenditures..... | 364,723 | 655,111 | I.....290,388 |

In order to afford some idea of the educational progress made in Washington, Superintendent J. H. Morgan reports the statistics of different years from 1872 to 1889; but while it may be necessary to return to that year to secure sufficiently long steps or strides in educational data to satisfy enthusiasts of Washington, whose energies are bent upon securing a fortune in the time ordinarily spent in erecting a good school building, and who expect the school system to keep pace with the rapid material progress of the newly-created State, it is only necessary to compare the statistics of 1887 with those of 1889 to satisfy conservative citizens. Even then we find that some of the most important items have doubled, and others more than doubled. In 1887 the whole amount spent for school purposes was, in round numbers, \$300,000; in 1889 it was

\$600,000. In 1887 the value of the schoolhouses was \$500,000; in 1889 it was \$1,000,000. In the same time the number of children of school age increased from 47,000 to 72,000, the enrollment from 32,000 to 46,000. As the school population and enrollment are increasing so rapidly it is necessary that the other items show a corresponding increase; otherwise there would be a retrogression in the privileges of the individual pupils. As the public-school lands are now available, a large annual income may hereafter be expected from this source.

One difficulty heretofore has been to find a sufficient number of experienced and capable teachers. Many of those who were qualified were making the position a mere stepping stone to something better, while others were not qualified. This difficulty is being rapidly overcome, however, as is shown by the report of many county superintendents that there was a scarcity of competent teachers in the early part of the year but that during the summer a great many arrived from the Eastern States. There are other ways in which this scarcity can be overcome, as the requiring teachers to attend institutes, reading school journals, refusing to issue a third-grade certificate to a person the second time, forming teachers' reading circles, and raising the standard of examinations.

The county superintendents report that the law requiring the teaching of temperance and hygiene is very fully and cheerfully complied with, but that the compulsory attendance law has no effect whatever.

CONSTITUTIONAL PROVISIONS OF THE STATE OF WASHINGTON RELATING TO EDUCATION.

ARTICLE VI.—*Elections and elective rights.*

SEC. 2. The legislature may provide that there shall be no denial of the elective franchise at any school election on account of sex.

ARTICLE IX.—*Education.*

SECTION 1. It is the paramount duty of the State to make ample provision for the education of all children residing within its borders, without distinction or preference on account of race, color, caste, or sex.

SEC. 2. The legislature shall provide for a general and uniform system of public schools. The public-school system shall include common schools and such high schools, normal schools, and technical schools as may hereafter be established. But the entire revenue derived from the common-school fund and the State tax for common schools shall be exclusively applied to the support of the common schools.

SEC. 3. The principal of the common-school fund shall remain permanent and irreducible. The said fund shall be derived from the following-named sources, to wit: Appropriations and donations by the State to this fund; donations and bequests by individuals to the State or public for common schools; the proceeds of lands and other property which revert to the State by escheat and forfeiture; the proceeds of all property granted to the State, when the purpose of the grant is not specified or is uncertain; funds accumulated in the treasury of the State for the disbursement of which provision has not been made by law; the proceeds of the sale of timber, stone, minerals, or other property from school and State lands other than those granted for specific purposes; all moneys received from persons appropriating timber, stone, minerals, or other property from school and State lands other than those granted for specific purposes, and all moneys other than rental recovered from persons trespassing on said lands; 5 per cent. of the proceeds of the sale of public lands lying within the State which shall be sold by the United States subsequent to the admission of the State into the Union, as approved by section 13 of the act of Congress enabling the admission of the State into the Union; the principal of all funds arising from the sale of lands and other property which have been and hereafter may be granted to the State for the support of common schools. The legislature may make further provisions for enlarging said fund. The interest accruing on said fund, together with all rentals and other revenues derived therefrom and from lands and other property devoted to the common-school fund, shall be exclusively applied to the current use of the common schools.

SEC. 4. All schools maintained or supported wholly or in part by the public funds shall be forever free from sectarian control or influence.

SEC. 5. All losses to the permanent common-school or any other State educational fund, which shall be occasioned by defalcation, mismanagement, or fraud of the agents or officers controlling or managing the same, shall be audited by the proper authorities of the State. The amount so audited shall be a permanent funded debt against the State in favor of the particular fund sustaining such loss, upon which not less than 6 per cent. annual interest shall be paid. The amount of liability so created shall not be counted as a part of the indebtedness authorized and limited elsewhere in this constitution.

ARTICLE XIII.—*State institutions.*

SECTION 1. Educational, reformatory, and penal institutions; those for the benefit of blind, deaf, dumb, or otherwise defective youth; for the insane or idiotic; and such other institutions as the public good may require, shall be fostered and supported by the State, subject to such regulations as may be provided by law. The regents, trustees, or commissioners of all such institutions existing at the time of the adoption of this constitution, and of such as shall thereafter be established by law, shall be appointed by the governor, by and with the advice and consent of the senate; and upon all nominations made by the governor the question shall be taken by the ayes and noes and entered upon the journal.

ARTICLE XVI.—*School and granted lands.*

SECTION 1. All the public lands granted to the State are held in trust for all the people, and none of such lands, nor any estate or interest therein, shall ever be disposed of unless the full market value of the estate or interests disposed of, to be ascertained in such manner as may be provided by law, be paid or safely secured to the State; nor shall any lands which the State holds by grant from the United States (in any case in which the manner of disposal and minimum price are so prescribed) be disposed of except in the manner and for at least the price prescribed in the grant thereof, without the consent of the United States.

SEC. 2. None of the lands granted to the State for educational purposes shall be sold otherwise than at public auction to the highest bidder. The value thereof, less the improvements, shall, before any sale, be appraised by a board of appraisers, to be provided by law. The terms of payment also to be prescribed by law, and no sale shall be valid unless the sum bid be equal to the appraised value of said land. In estimating the value of such lands for disposal, the value of improvements thereon shall be excluded: *Provided*, That the sale of all school and university land heretofore made by the commissioners of any county or the university commissioners, when the purchase price has been paid in good faith, may be confirmed by the legislature.

SEC. 3. No more than one-fourth of the land granted to the State for educational purposes shall be sold prior to January 1, 1895, and not more than one-half prior to January 1, 1905: *Provided*, That nothing herein shall be so construed as to prevent the State from selling the timber or stone off of any of the State lands in such manner and on such terms as may be prescribed by law: *And provided further*, That no sale of timber lands shall be valid unless the full value of such lands is paid or secured to the State.

SEC. 4. No more than one hundred and sixty acres of any granted lands of the State shall be offered for sale in one parcel, and all lands within the limits of any incorporated city or within two miles of the boundary of any incorporated city, where the valuation of such lands shall be found by appraisement to exceed one hundred dollars per acre, shall, before the same be sold, be platted into lots and blocks of not more than five acres in a block, and not more than one block shall be offered for sale in one parcel.

SEC. 5. None of the permanent school fund shall ever be loaned to private persons or corporations, but it may be invested in national, State, county, or municipal bonds.

WISCONSIN.

NEW LEGISLATION.

Among the laws of 1889 relating to the public schools are the following:

1. Authorizing school boards to purchase and place in each schoolroom a flag of the United States, and to provide for its preservation.
2. Authorizing the State superintendent (a) to prescribe rules for management of school libraries; (b) to publish and distribute circulars, bulletins, and courses of study for ungraded and for high schools, with needed comments thereon.
3. Amending the town-school library law; (a) authorizing town treasurers to withhold an amount equal to 10 cents for each person of school age in the town; (b) authorizing town clerks to purchase books with the money withheld by town treasurers from the school-fund income; (c) providing per diem for town clerks for time spent in connection with school libraries; (d) authorizing the State superintendent to suspend the law in any town for any year.
4. Forbidding the enumeration in school districts of any child residing in or held or cared for at any charitable or penal institution in the State, and authorizing the State superintendent to take special means to prevent such enumeration.
5. Making provision for annual distribution of 5,000 mounted railroad maps of the State among the public schools.
6. Repealing the provision requiring the school districts applying for a loan from the trust funds of the State to vote a tax equal to one-half of the loan applied for, to be collected in two years.
7. Authorizing the governor annually to designate a day to be observed as a tree-planting or Arbor Day.
8. Authorizing the State superintendent to appoint a supervisor of free high schools to assist in organizing and inspecting such schools.
9. Appropriating \$1,000 annually to maintain a summer school for teachers in connection with the University of Wisconsin.
10. Providing that the full sum of \$50,000 may be annually used in maintaining free high schools.
11. Providing for compulsory attendance at school of children between seven and fourteen years of age for at least twelve weeks annually, and relating to employment of such children.

This law is given in full on pp. 507-9.

CHAPTER XXIV.

REPORT OF THE GENERAL AGENT OF EDUCATION FOR ALASKA TO THE TERRITORIAL BOARD.

LETTER TRANSMITTING THE REPORT OF THE GENERAL AGENT TO THE COMMISSIONER
OF EDUCATION.

TERRITORIAL BOARD OF EDUCATION.

Sitka, Alaska, December 16, 1889.

SIR: The Territorial board of education in Alaska has the honor of transmitting to you the annual report for 1888-89 of the general agent of education in Alaska, with the following recommendations:

First. That the Territorial board be authorized to appoint at their discretion local school committees, and that the present methods be so changed that the local and incidental expenses of the schools can be audited by the local committees, and that salary vouchers can be paid upon the certification of the general agent, or, in his absence, of the district superintendent, that the service has been rendered according to the agreement.

Second. That the United States Commissioner of Education be recommended to contract with some missionary society for the establishment of a boarding school at Point Hope, Alaska.

Third. The Territorial board of education, at their session August 30, 1889, having recommended the appointment of a district superintendent for the Sitka district, do hereby recommend to the United States Commissioner of Education as a suitable person for that position the name of the Hon. James Sheakley, United States commissioner at Fort Wrangell, and a member of this board. And the board further recommends that his salary be \$400 per annum, together with necessary traveling expenses.

Fourth. The Territorial board of education, considering it important that the general agent should visit San Francisco and Washington for the furtherance of Alaska educational and other interests, do hereby request of the United States Commissioner of Education that his necessary traveling expenses be allowed.

Fifth. That the United States Commissioner of Education be recommended to contract with the Moravians for the establishment of a school at Togiak, Alaska.

Sixth. That the United States Commissioner of Education be recommended to establish schools and erect school buildings at Belkofsky, Yakutat, Prince William Sound, and some point on Cook's Inlet, to be hereafter selected.

By order of the board.

LYMAN E. KNAPP,
President.

SHELDON JACKSON,
Secretary.

Hon. W. T. HARRIS,
United States Commissioner of Education.

REPORT.

DEPARTMENT OF THE INTERIOR, U. S. BUREAU OF EDUCATION,
OFFICE OF GENERAL AGENT OF EDUCATION,
Sitka, Alaska, June 30, 1889.

To the TERRITORIAL BOARD OF EDUCATION:

SIRS: I have the honor of submitting the following report of the schools of Alaska for the year ending June 30, 1889:

There are in the district of Alaska fourteen day schools supported wholly by the Government, four boarding schools aided by the Government, and a number of mission schools carried on by different religious organizations.

From one of the public schools (Unga) no report has been received. The other thirteen report a total enrollment of 1,040 pupils.

From two of the contract schools no reports have been received. The other two report a total enrollment of 195.

No reports have been received from the mission schools.

It is estimated that there are 1,500 children in the schools of Alaska. The total population under twenty-one years of age is estimated at 12,000.

GOVERNMENT DAY SCHOOLS.

In the Unalaska district there is but one public school, that of Unga.

This promising school has been without a teacher for the past year.

On the 26th of May, 1888, Mr. W. A. Baker, of New Bethlehem, Pa., was appointed teacher at Unga. On the 30th of June, 1888, Mr. Baker having declined to accept, Mr. John A. Tuck, of Middleton, Conn., was appointed in his place. By the time Professor Tuck received notice of his appointment it was too late to reach San Francisco in time to take the last boat of the season for Unga.

Kodiak district.

In the Kodiak district are situated the two schools of Kodiak and Afognak.

Kodiak.—W. E. Roscoe, teacher. Total enrollment, sixty-eight. The average attendance is much larger than the preceding year and with the more regular attendance has come an increased interest in their studies on the part of the pupils.

The school is graded in accordance with the California system.

Professor Roscoe has availed himself of the preference of the children for the study of geography to combine with it lessons in language, writing, and spelling.

Frequent talks are had concerning different countries, their natural phenomena, products, people, customs, etc.

Sentence building is carefully taught from the first to the fourth reader, and the improvement in language is very rapid.

Object and picture lessons are in daily use. Spelling down and recitations are occasional amusements.

This school, like all the others, greatly needs a set of good wall maps.

It also needs a suitable school building, the erection of which has been recommended by the Territorial board of education.

Afognak.—James A. Wirth, teacher. This school has doubled, and during some months trebled the average attendance of the corresponding months of last year.

The total enrollment has increased from twenty-four to fifty-five. If the schoolroom had been larger and more comfortable there would have been a much larger increase.

Some of the boys have made such progress that they can carry on any ordinary conversation in English. This obviates the further use of the Russian and Aleut languages by the teacher.

The great drawback to the school has been the want of a comfortable room for school purposes. During the coming year I trust this difficulty may be obviated, as steps are being taken for the erection of a school building.

We greatly regret to announce that, owing to the state of his wife's health, Professor Wirth has felt compelled to tender his resignation.

By his ability as a teacher, his knowledge of the languages of the people, his tact and patience, he has overcome many of the difficulties incident to the establishment of a school in a region so remote that it has but two or three chance mails during the year, and among a people who have not yet learned to appreciate the advantages of an education. With absolutely no help from the parents, he has created such an interest among the pupils that they have attended school from the love of it.

Sitka district.

Haines.—F. F. White, teacher. Total enrollment, 128. An unusual number of heathen feasts during the winter greatly interfered with the regularity of the attendance.

It is to be hoped that the Missionary Society of the Presbyterian Church, which has good buildings at Haines, will send a missionary there at an early date. A Government teacher and a missionary working together in the large Chilkat tribe would be of great assistance to one another. The Presbyterian Board of Home Missions has given the Government the free use of their school building.

Juneau No. 1.—Miss Rhoda A. Lee, teacher. The present has been the most successful year in the history of the school. The total enrollment increased from twenty-five to thirty-six, and the average attendance from nineteen to twenty-three.

Juneau No. 2.—Miss Alice R. Hill, teacher. The total enrollment of the school decreased from sixty-seven last year to fifty-eight this. The average attendance, however, increased from twenty-seven to thirty-three. The pupils that were the most regular in their attendance and made the greatest advancement in their studies were those connected with the excellent mission home conducted by Rev. E. S. Willard and helpers. Juneau will soon need an additional building.

Dougllass City.—Mrs. Anna Moore, teacher. The enrollment numbers ninety-four as against sixty-seven for 1887-88.

The progress of the school has been more or less hindered by race prejudices.

As by far the largest attendance was by native children, the whites petitioned for a separate school for their own children. As the appropriation was too small and the number of white children too few to justify the expense of an additional teacher, an arrangement was effected and instructions issued for the white children to attend school in the forenoon and the native children in the afternoon, thus having two separate schools with but one teacher.

This did not prove a very great success (the average attendance of white children being six and a fraction), and the Territorial board of education has recommended for the coming year two teachers.

During the summer of 1888 the Society of Friends erected a good school building, the use of which has been kindly furnished the Government without cost.

Killisnoo.—Miss May Ransom, teacher. This school has moved along quietly during the year. Owing to the financial difficulties of the Fish Oil Works fewer families have remained in the place, and the consequent attendance at school has decreased.

Sitka No. 1.—Miss Mary Desha, Mr. Andrew Kashevarof, and Miss Cassia Patton, teachers. Miss Desha taught from September to January, when, receiving an appointment in the Pension Office, she resigned and removed to Washington.

Miss Cassia Patton, of Cochran, Pa., was appointed to succeed her. Mr. Andrew Kashevarof was employed from the middle of January until Miss Patton's arrival, the middle of February. Total enrollment for the year, sixty-seven. The success of the school during the year has been most gratifying to the parents of the pupils and to the friends of education generally.

Sitka No. 2.—Miss Virginia Pakle, teacher. Total enrollment, fifty-one. With an obligatory-attendance law properly enforced the enrollment ought to be 100 or more.

During the year a plain but substantial and pleasant school building has been erected at an expense of \$1,400.

Wrangel.—Miss Lyda McAvoy Thomas, teacher. Total enrollment, ninety. This model school continues to improve year by year.

Klawack.—Rev. L. W. Currie and Mrs. M. V. Currie, teachers,

The school year opened with sorrow in the death of Mr. Currie, who was the first and only teacher the school had ever had.

Mr. Currie was a native of North Carolina, a graduate of Hampden-Sidney College and Union Theological Seminary, Virginia. He gave his life to Indian education.

He did valuable work as teacher among the Choctaw Indians, and when a call came for some one to go to a remnant of Indians in Southeastern Texas that were in danger of extinction he went to them. While there his schoolhouse was burned and his life threatened. To escape the malaria incident to a long continued residence in that section he came to Alaska and took charge of the newly opened school at Klawack under circumstances of great heroism. Far away from any officer of the law he battled alone against intemperance and witchcraft. Upon one occasion four men attempted to carry away one of his pupils (a girl) on the charge of witchcraft. Mr. Currie rescued her, keeping her at his house. A few days afterwards they returned, reinforced by a party of Hydahs, on another attempt to get possession of her. While some of them vehemently claimed her, others stood near the missionary with open knives. Finally the brother of the girl was intimidated into paying a ransom for her. This Mr. Currie could not prevent, but the girl at least was saved.

Mrs. Currie, being herself a teacher of long experience, was appointed to her husband's place. Her isolation from all companionship (she was the only white woman in the place, and for eleven months looked into the faces of but two white women), the absence of any officer to enforce law or look after the peace of the community, the prevalence of drunkenness, witchcraft, and other heathen practices, greatly interfered with the efficiency of the school. This is one of the most difficult places to conduct a school in all Southeastern Alaska, and needs a strong, self-reliant, energetic man for teacher. Such a one the board of education hope to secure.

Mrs. Currie, with true Christian heroism, unflinchingly remained at her post until the close of the school year, when she resigned to return to her friends in the east.

Howkan.—Miss Clara A. Gould, teacher. This excellent school, with an enrollment of 105, continues to maintain its reputation for efficiency.

Metlakahla.—Teachers, William Duncan, with a corps of native assistants. Total enrollment, 172. This coming year Mr. Duncan confidently expects to have a boarding school for boys and another for girls under way.

SCHOOLHOUSES.

During the year a school building was erected for the use of Sitka School No. 2. Buildings have also been voted for Douglas City, Kodiak, Afognak, and Karluk.

CONTRACT SCHOOLS.

Anvik, on the Yukon River, 580 miles from St. Michael. A mission station and school supported by the Missionary Society of the Protestant Episcopal Church. Teachers, Rev. Octavius Parker and Rev. John W. Chapman.

The school being 3,844 miles from San Francisco, its post-office, and receiving but one mail a year, our latest report is dated June 1, 1888, and the statistics embodied in this report are those for 1887-88.

School opened August 1, 1887, with an average daily attendance of eight. Two boys have had sixty lessons in the first reader. Four or five other boys have broken the back of reading, and there is an army of stragglers who come in more or less frequently, and out of whom perhaps half a dozen could be drawn, boys and girls, who have a genuine and growing interest in the work of the school, and whose attendance is growing more regular. Several boys are writing in a fair, legible hand, and three can now write out their reading lessons in script without referring to a script alphabet. Two, the most advanced, aged about eleven years, can write from dictation several of the first lessons with perfect accuracy, and can now understand the meaning of the greater part of what they read, and are talking English a little. They have been taught to analyze words phonetically, and when the teacher wants native words he can get them pronounced in a scientific manner.

The total enrollment of pupils was fifty. A steam saw-mill is now en route for the mission and will be the first of the industries established in connection with the school.

Bethel, on the Kuskokwim River, 150 miles from its mouth. Teachers, Rev. John H. Killbuck and wife and Rev. E. Weber. This season Mrs. Sarah Bachman and Miss Carrie Detterer have been sent out to the same station. Mrs. Bachman is the wife of one of the bishops of the Moravian Church and goes out to spend a year in the work.

Bethel is 3,029 miles from San Francisco, its post office, and has but one mail a year.

The latest statistics received are those for 1887-88 and September, 1888. Total enrollment for 1887-88, seventeen. Largest monthly average, fifteen. Enrollment for September, 1888, nineteen boarding pupils.

This school is under the care of the Moravian Church of the United States.

The teachers experience a threefold difficulty in teaching English. First, their own limited knowledge of the native tongue, making it difficult to convey their meaning to the children; second, the absence of English-speaking people in that section; and third, the native disinclination to speak a foreign tongue.

However, the teachers are encouraged at the perceptible improvement of their pupils over last year.

Carmel, at the mouth of the Nushagak River. This school is also under the care of the Moravian Church.

Teachers, Rev. and Mrs. F. E. Wolff and Miss Mary Huber. To these has recently been added the Rev. John Herman Schoechert, of Watertown, Wis.

Although Carmel is 2,902 miles from San Francisco, its post-office, the location of several salmon canneries in the neighborhood, with the consequent arrival and departure of schooners carrying supplies, gives it several mails during the summer. Hence the school statistics of the present year have been received. Total enrollment twenty-five.

School opened on the 27th of August, 1888, with an increased attendance over last year. In order to give the children from Nushagak, Togiak, and other neighboring villages an opportunity of attending school a large barabara has been built. (This is a native sod house partly underground.) In this house the children from a distance are lodged and fed. They are allowed to go home each Friday night, returning to school on the following Monday morning.

Sitka Industrial Training School.—Under the care of the Board of Home Missions of the Presbyterian Church. Teachers and employes, Prof. Wm. A. Kelly, superintendent; Rev. Alonzo E. Austin, chaplain; Mr. H. H. Lake, boot and shoe shop, also teacher of cornet band; ———, carpenter shop; Donald Austin (native), assistant carpenter; R. E. Henning, M. D., physician; Miss Anna R. Helsey, matron of the girls; Mrs. A. E. Austin, matron of the boys; Mrs. J. G. Overend, matron of the hospital; Miss Kate Rankin, kitchen, dining room, and bakery; Miss Grace Ashby, teachers' messenger; Mrs. S. S. Winans, sewing room; Mrs. Tillie Paul (native), assistant in sewing room; ———, steam laundry; Miss Ida M. Rogers, schoolroom; Miss Carrie Delph, schoolroom; William Wells (native), interpreter; Kate, Jennie, Lottie, Ruth Albany, native assistants; Josephine, Russian interpreter. During the year the school enrolled 170 pupils, of whom 64 were girls and 106 boys.

Of the boys 17 received instruction and practice in the shoe shop, 20 in the carpenter shop, 4 in the blacksmith shop, 6 in the bakery, and several in the steam laundry.

From 25 to 30 boys have had instruction and practice in the cornet band. Two boys have been sent east to Captain Pratt's Indian School at Carlisle, Pa., one to learn the printers' trade and the other tinsmithing, and 4 of the girls of the school have been sent to Northfield, Mass., to be trained as teachers. The girls are at the expense of Mrs. Elliott F. Shepard, of New York City.

The boys in the shoeshop have made 117 pairs of boys' nailed shoes, 93 pairs of sewed shoes, 27 pairs of girls' sewed shoes, 9 pairs of fine sewed shoes for teachers and others; they also have half-soled 718 pairs of shoes, and put on 327 heels and 515 patches.

The carpenter boys have erected 4 houses, besides repairing buildings and furniture.

The boys in the steam laundry have averaged 1,000 pieces of clothing a week, and the boys in the bakery have made into good bread 900 pounds of flour per week.

Three of the boys during the winter netted a large fishing seine, and one has done some good cooping.

Arrangements are under way for the establishment of a steam sawmill and planer as one of the regular industries of the school.

Last summer visitors presented the school with 21 brass instruments, and a band was organized among the pupils.

The North Star, a small illustrated monthly paper, has been regularly published in connection with the school.

Recently, in the absence of any Government reformatory, the United States district court of Alaska, Judge Keatly presiding, placed a boy and girl in the school.

Extensive improvements have been made this summer by the boys on the grounds of the institution.

The mission board and their employes, in connection with the school, are sparing no pains or labor to increase the efficiency and usefulness of the institution, and are encouraged by a manifest advance from year to year.

The school is not only molding and lifting up the pupils directly under its care, but also their parents and friends.

It is also forming a public sentiment which indirectly helps every school in the Territory. During June, July, and August, when the steamers come crowded with tourists, all the other schools are closed for vacation, and until the visitors reach Sitka they see the native children only in their dirt and filth, so that the impression is formed that nothing can be done with them.

To correct this unfavorable judgment and demonstrate that the natives are capable of civilization and education, the superintendent of the school, upon the arrival of each steamer, sends the tourists an invitation to visit the institution. The pupils are called together for recitations, singing, and other exercises. The strangers are shown over the buildings and taken into the workrooms, etc. The result is that these visitors from every section of the land carry to their homes and tell to their friends what their eyes have seen of the progress of Alaskan children in the schools.

These testimonies create a favorable and growing public sentiment, that finds expression in the annual Congressional appropriation for education in Alaska.

OTHER SCHOOLS.

The Alaska Commercial Company, in accordance with its lease of the seal islands, maintains schools upon the islands of St. Paul and St. George. As their report is made directly to the Secretary of the Treasury, no statistics are received at this office.

The Russian Government, through the medium of the *Russo-Greek Church*, is reported as having seventeen parochial schools. These have largely been taught in the Russian language. It is said that their bishop has issued instructions to all the priests and teachers to use the English language. While for the first few years the teaching in English by teachers themselves learning the language will not be very efficient, it yet marks a step forward, and gives the promise of better things in the future.

In the annual report of the governor for 1888 it is stated that the Greek churches and parochial schools in Alaska cost the Russian Government \$30,000 annually.

The Roman Catholic Church, with headquarters and bishop's residence at Victoria, British Columbia, have a school at Juneau, and claim two in process of establishment upon the Yukon River, one at Kozzyrof, near Leatherville; and the other between Auvik and Nulato, and one at St. Michael, on Bering Sea. These are in charge of Jesuit priests.

The Church of England is reported to have a school at Nuklukahyet, on the Yukon River.

The Free Mission Society of Sweden has schools at Unalaklik, on Bering Sea, and Yakutat, at the base of Mount St. Elias. Owing to the inaccessibility of these schools and the absence of mail communications but little is known concerning them.

The Presbyterian Church of the United States, through its *Board of Home Missions*, has a flourishing day school, with a total enrollment of 155 pupils at, Hoonah.

This school is taught by Rev. and Mrs. John W. McFarland. It has also an excellent "home," with twenty-five boys and girls, at Juneau, under the admirable management of Rev. and Mrs. Eugene S. Willard, assisted by Miss Bessie Matthews and Miss Jennie Dunbar. This school is a feeder for the Industrial Training School at Sitka.

It has a second "home" at Howkan, with about twenty-five girls, in charge of Mrs. A. R. McFarland, so well and favorably known in the Church. At both of these "homes" the children are fed, clothed, cared for, and trained in household duties. For their literary training the children attend the Government day schools.

ADDITIONAL RULES ISSUED BY U. S. BUREAU OF EDUCATION.

August 15, 1888.—The governor of the Territory, the judge of the United States court, and the general agent of education in Alaska for the time being, with two other persons, to be appointed by the Secretary upon the nomination of the Commissioner of Education, shall constitute the board of education and the general agent of education shall be the secretary of said board, and shall keep the record of its proceedings. Three members shall constitute a quorum of said board.

August 15, 1888.—All missionary, boarding, or other schools conducted by private persons, or under the supervision of any of the Christian Churches, which shall receive aid and assistance from the Government, shall be subject to the visitation and inspection of the board of education, who shall have power to see that proper discipline is maintained and instruction given, and wholesome food and proper clothing and comfortable lodging furnished to the inmates of such schools.

August 15, 1888.—The board of education shall have power, and it shall be its duty, to prescribe courses of study for the several schools under its jurisdiction, and particularly to prescribe what shall be the extent and character of the industrial instruction to be given in any or all of said schools, and the teachers of said schools shall conform as nearly as practicable to the courses of study prescribed by the board. This rule shall include such schools as receive aid from the Government.

August 15, 1888.—Corporal punishment shall not be excessive, and shall be inflicted upon the pupils in attendance upon the public and other schools only in extreme cases, and then in moderation. Any teacher who shall violate this rule shall be subject to removal and loss of pay. The board of education will enforce this rule rigidly, and report all violations to the Commissioner of Education.

August 15, 1888.—Any action taken by the Territorial board of education under the preceding rules shall be subject to revision and approval of the Commissioner of Education.

July 12, 1889.—The term of the Government schools in the District of Alaska shall begin on the first school day in September and continue for the period of nine calendar months, ending on the last school day in May in each and every year, except when special provision is otherwise made.

July 12, 1889.—All schools supported by the Government shall be kept open each and every day during said period, except Saturday, Sunday, and the national holidays, which are Thanksgiving, Christmas, New Years, 22d February, and Decoration Day.

July 12, 1889.—The teachers in the Government schools will be elected for the nine calendar months of the school year, but may be suspended or removed before the expiration of said term, at the pleasure of the Territorial board of education, subject to the approval of the Commissioner of Education. Their salaries will be paid at the end of each month or every three months, as they may elect.

ADDITIONAL RULES ADOPTED BY TERRITORIAL BOARD OF EDUCATION.

October 27, 1888.—From and after this date corporal punishment in the public schools of Alaska is entirely and wholly prohibited.

All religious services are prohibited in all the public schools of Alaska except Howkau, Klawack, Metlakahtla, Fort Wrangell, Juneau No. 2, and Haines.

October 31, 1888.—The regular meetings of the board shall be held on the second Monday of January and the first Monday of June and, annually.

June 17, 1889.—The term of the public schools in the district of Alaska shall begin on the first school day in the month of September and continue for the period of nine calendar months, ending on the last school day of May in each and every year, except when special provision is otherwise made. And each school shall be kept open each and every day during said period, except Saturday, Sunday, and the national holidays, which are, Thanksgiving, Christmas, New Years, 22d of February, Decoration Day, and 4th of July. All vacations on account of sickness or other cause shall be made up at the end of the term, provided the time of such vacation does not exceed one month.

TABLE I.—Attendance.

| | September. | | October. | | November. | | December. | | January. | | February. | |
|-------------------|------------|----------|----------|----------|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| | Total. | Average. | Total. | Average. | Total. | Average. | Total. | Average. | Total. | Average. | Total. | Average. |
| Howkau..... | 69 | 46 | 62 | 20 | 87 | 56 | 91 | 64 | 89 | 57 | 71 | 47 |
| Klawack..... | 27 | 15 | 31 | 21 | 22 | 11 | 6 | 5 | 16 | 11 | 22 | 15 |
| Wrangell..... | 36 | 30 | 49 | 40 | 59 | 48 | 55 | 47 | 38 | 31 | 26 | 21 |
| Sitka No. 1..... | 49 | 46 | 51 | 47 | 48 | 43 | 47 | 37 | 44 | 29 | 50 | 33 |
| Sitka No. 2..... | 21 | 16 | 27 | 20 | 37 | 34 | 41 | 32 | 44 | 34 | 46 | 32 |
| Killsnoo..... | 10 | 7 | 12 | 10 | 14 | 11 | 18 | 16 | 16 | 14 | 14 | 12 |
| Juneau No. 1..... | 27 | 21 | 23 | 17 | 22 | 18 | 29 | 23 | 22 | 19 | 24 | 21 |
| Juneau No. 2..... | 26 | 17 | 21 | 19 | 47 | 28 | 34 | 33 | 37 | 33 | 30 | 24 |
| Douglass..... | 37 | 14 | 40 | 16 | 38 | 20 | 52 | 20 | 34 | 17 | 26 | 14 |
| Haines..... | | | 43 | 5 | 76 | 13 | 71 | 15 | 64 | 11 | 49 | 6 |
| Kodiak..... | 44 | 23 | 44 | 29 | 52 | 35 | 49 | 30 | 52 | 25 | 50 | 34 |
| Afognak..... | 34 | 16 | 47 | 28 | 41 | 24 | 37 | 19 | 43 | 19 | 37 | 18 |
| Carmel..... | 17 | 13 | 20 | 14 | 20 | 17 | 19 | 18 | 19 | 16 | 19 | 17 |
| Bethel..... | 23 | 14 | 22 | 20 | 22 | 20 | 22 | 17 | 26 | 21 | 26 | 20 |
| Anvik..... | | | 24 | 7 | 27 | 15 | 30 | 15 | 30 | 17 | 23 | 18 |
| Metlakahtla..... | 118 | 50 | 162 | 124 | 166 | 124 | 162 | 116 | 162 | 116 | 157 | 84 |

| | March. | | April. | | May. | | Total enrollment for year. | Total number of children under 21 years of age. | Total population in neighborhood of school. |
|-------------------|--------|----------|--------|----------|--------|----------|----------------------------|-------------------------------------------------|---------------------------------------------|
| | Total. | Average. | Total. | Average. | Total. | Average. | | | |
| Howkau..... | 53 | 31 | 36 | 25 | 43 | 33 | 105 | 134 | 275 |
| Klawack..... | 27 | 17 | 27 | 10 | 17 | 11 | 39 | 132 | 247 |
| Wrangell..... | 23 | 17 | 16 | 12 | 24 | 13 | 90 | 100 | 317 |
| Sitka No. 1..... | 47 | 35 | 47 | 33 | 49 | 41 | 67 | 503 | 1,281 |
| Sitka No. 2..... | 45 | 30 | 40 | 25 | 26 | 9 | 51 | 503 | 1,281 |
| Killsnoo..... | 18 | 15 | 12 | 10 | 22 | 16 | 22 | 200 | 550 |
| Juneau No. 1..... | 23 | 20 | 24 | 22 | 26 | 23 | 36 | 245 | 1,000 |
| Juneau No. 2..... | 33 | 29 | 30 | 24 | 20 | 19 | 58 | 245 | 1,000 |
| Douglass..... | 21 | 14 | 17 | 10 | 22 | 11 | 94 | 167 | 690 |
| Haines..... | 50 | 7 | 45 | 3 | 40 | 3 | 128 | 60 | 150 |
| Kodiak..... | 49 | 33 | 48 | 33 | 41 | 25 | 68 | 143 | 323 |
| Afognak..... | 36 | 17 | 37 | 17 | 34 | 17 | 55 | 146 | 321 |
| Carmel..... | 18 | 16 | 18 | 14 | 18 | 14 | 25 | | 200 |
| Bethel..... | 25 | 17 | 15 | 13 | | | 35 | | 100 |
| Anvik..... | 26 | 16 | 25 | 17 | | | 38 | 38 | 95 |
| Metlakahtla..... | 118 | 66 | 69 | 40 | 50 | 31 | 172 | 162 | 600 |

TABLE II.—*Number in sundry branches of study.*

| | Primary charts. | First and Second Readers. | Third and Fourth Readers. | Spelling. | English language Lessons. | Geography. | Arithmetic. | Grammar. | Drawing. | Physiology. | Temperance Hygiene. | United States History. | Writing. | Use of tools. | Sewing. | Other studies. | Number of classes taught daily. |
|-------------------|-----------------|---------------------------|---------------------------|-----------|---------------------------|------------|-------------|----------|----------|-------------|---------------------|------------------------|----------|---------------|---------|----------------|---------------------------------|
| Howkan | 30 | 38 | 33 | 34 | 42 | 9 | 23 | 9 | 91 | 15 | 15 | 4 | 91 | ..... | ..... | ..... | 37 |
| Klawack | 11 | 15 | 4 | 27 | ..... | 1 | 17 | ..... | 17 | ..... | ..... | 1 | 17 | ..... | ..... | 1 | 17 |
| Wrangell | 27 | 33 | 14 | 59 | 14 | 23 | 59 | ..... | 59 | ..... | 33 | ..... | 59 | ..... | 31 | 33 | 14 |
| Sitka No. 1..... | 11 | 21 | 24 | 51 | 31 | 23 | 51 | 11 | ..... | 18 | 40 | 9 | 51 | ..... | ..... | ..... | 22 |
| Sitka No. 2..... | 27 | 19 | 1 | 26 | 26 | 14 | 26 | ..... | ..... | ..... | 46 | ..... | 37 | ..... | 17 | ..... | 10 |
| Killisnoo..... | 10 | 14 | 4 | 4 | 1 | 5 | 22 | 3 | 22 | ..... | 1 | 2 | 22 | ..... | ..... | ..... | ..... |
| Juneau No. 1..... | 7 | 14 | 13 | 26 | 24 | 12 | 26 | 3 | 15 | ..... | 9 | 4 | 26 | ..... | ..... | ..... | 23 |
| Juneau No. 2..... | 29 | 19 | 5 | 33 | 5 | ..... | 45 | ..... | ..... | ..... | ..... | 45 | ..... | ..... | ..... | ..... | 21 |
| Douglass | 34 | 10 | 9 | 18 | ..... | 10 | 11 | ..... | ..... | ..... | 1 | 3 | 24 | ..... | 6 | ..... | 30 |
| Haines | 58 | 45 | 3 | 41 | 50 | 4 | 76 | ..... | 76 | ..... | 4 | ..... | 46 | ..... | ..... | 76 | 12 |
| Kodiak | 24 | 23 | 21 | 63 | 63 | 7 | 63 | 7 | 63 | ..... | 21 | ..... | 63 | 37 | ..... | ..... | 20 |
| Afognak | 31 | 20 | 5 | 25 | ..... | 44 | 25 | ..... | 45 | ..... | 25 | ..... | 48 | ..... | 55 | ..... | ..... |
| Carmel..... | 21 | 11 | 2 | 19 | 20 | ..... | 19 | ..... | ..... | ..... | ..... | ..... | 20 | ..... | ..... | ..... | ..... |
| Bethel | 6 | 11 | ..... | 11 | 17 | ..... | 17 | ..... | 17 | ..... | ..... | ..... | 17 | ..... | 3 | 4 | ..... |
| Anvik | 22 | 8 | ..... | 5 | ..... | 2 | 30 | ..... | 30 | ..... | ..... | ..... | 30 | ..... | 6 | ..... | 12 |
| Metlakahla..... | 64 | 102 | 19 | 162 | 162 | 162 | 162 | 130 | ..... | ..... | 162 | 162 | 162 | ..... | ..... | ..... | ..... |

TABLE III.—*Officers and teachers, with their salaries.*

The following persons have been paid from the school fund:

| Name. | Occupation. | Place. | Compensation. |
|------------------------------------------------------|--------------------------|--------------------|---------------|
| Sheldon Jackson | General agent..... | Sitka | \$1,200 |
| John H. Keatley | Board of education |do..... | 200 |
| A. P. Swineford |do..... |do..... | 200 |
| Lyman E. Knapp, in place of Mr. Swineford, resigned. |do..... |do..... | 200 |
| James Sheakley |do..... | Fort Wrangell..... | 200 |
| William Duncan |do..... | Metlakahla | 200 |
| Sheldon Jackson |do..... | Sitka | 200 |
| W. E. Roscoe | Teacher..... | Kodiak | *120 |
| James A. Wirth..... |do..... | Afognak | *120 |
| F. F. White |do..... | Haines | *120 |
| Miss Rhoda A. Lee |do..... | Juneau No. 1..... | *80 |
| Miss Alice R. Hill..... |do..... | Juneau No. 2..... | *80 |
| Mrs. Anna R. Moon..... |do..... | Douglass..... | *80 |
| Miss May Ransom..... |do..... | Killisnoo..... | *80 |
| Miss Mary Desha (September to January) |do..... | Sitka No. 1..... | *100 |
| Andrew Kashevorof (January)..... |do..... |do..... | *80 |
| Miss Cassia Patton (February to June)..... |do..... |do..... | *100 |
| Miss Virginia Pakle..... |do..... | Sitka No. 2..... | *80 |
| Mrs. Lyda McAvoy Thomas |do..... | Fort Wrangell..... | *100 |
| Mrs. M. V. Currie..... |do..... | Klawack | *80 |
| Miss Clara A. Gould..... |do..... | Howkan | *100 |
| Wm. Duncan and assistants..... |do..... | Metlakahla | †2,500 |

* Per month.

† Per year.

TABLE IV.—*Teachers appointed for 1889-90, with salaries.*

The board of education at its semiannual meeting, June 14 to 19, 1889, appointed, subject to the approval of the U. S. Commissioner of Education, the following persons teachers for 1889-90:

| Name. | Place. | Compensation. |
|----------------------------|----------------------|---------------|
| Miss Clara A. Gould | Howkan | *\$100 |
| H. S. Barrett, M. D. | Klawack | *80 |
| Mrs. Wm. G. Thomas | Wrangell | *100 |
| Miss Rhoda A. Lee | Juneau No. 1 | *100 |
| Miss Cassia Patton | Juneau No. 2 | *80 |
| Mrs. W. S. Adams | Douglass No. 1 | *80 |
| Charles Edwards | Douglass No. 2 | *80 |
| W. H. Reid | Haines | *80 |
| Miss Virginia Dox | Hoonah | *100 |
| Miss May Ransom | Killisnoo | *80 |
| George E. Knapp | Sitka No. 1 | *100 |
| Miss Gertrude Patton | Sitka No. 2 | *80 |
| W. E. Roscoe | Kodiak | †1,000 |
| John Duff | Afognak | †1,000 |
| John H. Carr | Unga | †1,000 |
| John A. Tuck | Unalaska | †1,000 |

* Per month.

† Per year.

TABLE V.—*Grants to contract schools.*

The board of education at its semiannual meeting, June, 1889, recommended to the U. S. Commissioner of Education the following contract boarding schools:

| | |
|--------------------------------------------|----------|
| Sitka Training and Industrial School | \$15,000 |
| Metlakatla schools | 3,000 |
| Anvik (Episcopal) | 1,000 |
| Bethel (Moravian) | 1,000 |
| Carmel (Moravian) | 1,000 |

TABLE VI.—*School buildings.*

New school buildings recommended by board of education:

| | |
|---------------|---------|
| Kodiak | \$1,200 |
| Afognak | 1,200 |
| Karluk | 1,200 |

TABLE VII.—*Estimate for the year 1890-91.*

| School. | Salary of teacher. | Salary of assistant teacher. |
|----------------------------|--------------------|------------------------------|
| Howkan | \$900 | ..... |
| Klawack | 1,000 | ..... |
| Wrangell | 900 | ..... |
| Juneau No. 1 | 900 | ..... |
| Juneau No. 2 | 900 | \$720 |
| Douglass No. 1 | 900 | ..... |
| Douglass No. 2 | 900 | 720 |
| Haines | 900 | ..... |
| Hoonah | 600 | 300 |
| Killisnoo | 900 | ..... |
| Sitka No. 1 | 900 | 600 |
| Sitka No. 2 | 900 | 600 |
| Yakutat | 900 | ..... |
| Kodiak | 1,000 | ..... |
| Afognak | 1,000 | ..... |
| Karluk | 1,000 | ..... |
| Cook's Inlet | 1,000 | ..... |
| Unga | 1,000 | ..... |
| Belkofsky | 1,000 | ..... |
| Nineteen day schools | 17,500 | 2,940 |

| | | |
|-------------------------------------------------|-----------|-----------|
| Salaries of 24 teachers..... | \$20, 440 | |
| Fuel for 19 day schools | 4, 000 | |
| Books and stationery | 3, 000 | |
| Desks and blackboards, etc..... | 1, 000 | |
| Sixteen policemen at \$15 per month..... | 2, 160 | |
| Support of 19 day schools | | \$30, 600 |
| Salary of general agent | 2, 400 | |
| Salary of superintendent of Sitka district..... | 1, 200 | |
| Salaries of school board..... | 1, 000 | 3, 600 |
| Traveling expenses..... | 500 | |
| | | 1, 500 |
| School building at— | | |
| Juneau | 1, 200 | |
| Douglass | 1, 200 | |
| Yakutat | 1, 200 | |
| Cook's Inlet | 1, 200 | |
| Belkofsky | 1, 200 | 6, 000 |
| Contract schools at— | | |
| Sitka..... | 20, 000 | |
| Metlakahla..... | 4, 000 | |
| Unalaska | 2, 000 | |
| Carmel | 2, 000 | |
| Bethel | 2, 000 | |
| Anvik | 2, 000 | |
| Nuklukyet | 1, 000 | 33, 000 |
| Total | | 74, 700 |

SUMMARY.

| | |
|----------------------------------------------------------------------------------------|-----------|
| Support of 19 day schools with 24 teachers..... | \$30, 600 |
| Support of 7 industrial boarding schools with from 40 to 45 teachers and employes..... | 33, 000 |
| Five new school buildings..... | 6, 000 |
| General agent, superintendent, and board of education..... | 5, 100 |
| | 74, 700 |

Office of general agent.

The general agent at the beginning of the year, being unable to secure transportation from Sitka to the schools of western Alaska on the U. S. S. *Thetis*, that was making the trip, requested permission of the U. S. Commissioner of Education to proceed to San Francisco and take passage by the steamers of the Alaska Commercial Company. Permission not being granted, I have been unable to carry out the instructions of the honorable the Secretary of the Interior to visit all the schools at least once a year.

Indeed, for the want of transportation I have been unable to visit the schools of southwestern Alaska since I established them in 1886, and those on Bering Sea not at all. This has been greatly regretted both by myself and the teachers.

Also for want of transportation I have been unable to visit the schools at Howkan and Klawack, on Prince of Wales Island.

The schools at Sitka, Juneau, Wrangell, Douglass, Haines, and Killisnoo have been visited several times, and that of Metlakahla twice.

RECOMMENDATIONS.

I have the honor to submit the following recommendations:

1. *An inspection of the schools of western Alaska by the general agent.*—In view of the fact that I have been unable to reach those schools for three years, and as the time has come for establishing new schools in that region, some of which have already been recommended by the Territorial board of education, and as it is probable that a Government vessel will be sent next summer to that section to convey Government officials, therefore it is recommended that the U. S. Commissioner of Education be respectfully requested to arrange for the transportation of the general agent.

2. *Change in supervision.*—In order that the general agent may for the next two or three years give the larger part of his time to developing the school work in Western Alaska, I would recommend the following change in section 4, division 2, of the rules and regulations for the conduct of education in Alaska, to wit: First, that the general agent be relieved for the coming year from the local superintendency of the Sitka district, and be given the local superintendency of the Kodiak and Unalaska districts. Second, that a district superintendent be appointed for the Sitka district.

3. *Permanent school fund.*—I would again renew my recommendations of 1886-87 and 1887-88, which recommendations were also indorsed by the Territorial board of educa-

tion, that the U. S. Commissioner of Education be respectfully requested to procure legislation from Congress permanently appropriating a sum of money for the education of the children of Alaska without distinction of race.

The present method of supporting the schools of Alaska by an annual appropriation from Congress is very unsatisfactory. As Congress one year voted \$25,000 and the second nothing and the third \$15,000, it can readily be seen that neither the school board nor the teachers can arrange for the schools until after Congressional action has been taken, nor until such action is had can they be sure that there will be any schools. And not only that, but some years the action of Congress is not known in Alaska until three months after the fiscal school year commences. A failure on the part of Congress any one year to make the necessary appropriation would close the schools, scatter Government property, and throw the teachers out of employment thousands of miles away from home and friends.

The disadvantages of the present system need but to be stated to be seen.

In the Western States and Territories the general land laws of the country provide that sections 16 and 36 in each township be set apart for the use of the schools in said States and Territories. In some of the States this has been a munificent endowment.

But Alaska has no townships and no surveyed lands and no law by which they can be surveyed. And when in course of time the general land laws are extended over it, the nature of the country and the peculiar climate and the requirements of the population will prevent to any great extent the laying out of the land in sections of a mile square. Thus while no school fund is practicable for years to come from the lands, the General Government derives a regular revenue from the seal islands and other sources, a portion of which could be used in the place of the proceeds of the sale of school lands.

4. *An obligatory attendance law.*—The operation of the obligatory attendance law which was enacted by the Territorial board of education and approved by the honorable the Secretary of the Interior in 1887, has been recently suspended by order of the United States Commissioner of Education.

In view of the importance of some suitable law for securing the more regular attendance at school of the children of Alaska, the Territorial board of education at its semi-annual meeting June 14-19 took the following action:

"Whereas it is the invariable experience of all who have been engaged or interested for years in the difficult task of attempting to educate and civilize the natives and creoles of Alaska that the greatest obstacles to success are, first, the want of adequate means of securing the regular and general attendance of the children of these people at the various Government schools and, second, the stolid indifference, superstition, and fear of change on the part of the greater number of the parents of such children; and

"Whereas experience has also demonstrated that wherever native policemen have been employed and paid heretofore a moderate compensation for gathering these children into the schoolrooms and thus compelling attendance, not only is the average attendance itself largely increased, but an interest in the progress of the pupils and the success of the schools themselves has been gradually and permanently created in those native and creole parents; and

"Whereas, the Government of the United States is annually appropriating large sums of money for the purpose of educating and civilizing these people and employing competent and zealous teachers for that purpose, who are making great sacrifices by enduring severe privations, general discomfort, and personal isolation among an alien and barbarous race of people: Therefore,

Be it resolved by the Territorial board of education, That the Hon. Lyman E. Knapp, the governor of the District of Alaska, is hereby requested and urged to embody in his forthcoming annual report to the Department of the Interior the suggestions we have made herein, with the recommendation that Congress take the subject of compulsory education of the natives and creoles of Alaska into consideration, and, in addition to making the usual appropriations for the schools of the District, add thereto such enactments as will compel the regular attendance of the pupils at such schools as are already established or may be hereafter provided."

I renew my recommendations of former reports on this subject.

5. *School police.*—With the granting of an obligatory attendance law, and even without it, the appointment of a native policeman in the native villages where schools exist, whose duty shall be to see that the children are in school, will greatly increase the present attendance.

I therefore recommend that an allowance of ten or fifteen dollars per month be allowed from the school fund for the employment of such men.

6. I recommend that the honorable the Secretary of the Interior be respectfully requested to ask Congress for an appropriation of \$75,000 for education in Alaska for the year ending June 30, 1891.

7. In 1887-88 the Territorial board of education recommended to the United States

Commissioner of Education that the salary of the general agent of education be increased to \$2,400 annually.

As nothing was done, I respectfully ask the board to renew the request.

In closing this report I can not permit to pass unchallenged the statement made by the president of the Territorial board of education, which appears on page 181 of the Annual Report of the Commissioner of Education, 1887-88, that my annual report for 1887-88 was recalled by the board of education in Alaska because of "a number of material inaccuracies in the report." My report for that year was regularly indorsed and approved by the board, ex-Governor Swineford not being present, on September 15, 1888, and forwarded to the Commissioner of Education.

At a meeting of the board on October 31, 1888, four members being present, Mr. Swineford delivered a tirade against the general agent of education, claiming that some of the statements of the annual report were false and demanding that the vote of approval be reconsidered. This demand was refused by the board. The report had been officially sent to the Commissioner, and could not be recalled, or changed, if recalled, except by my consent.

However, to give Mr. Swineford an opportunity of pointing out alleged falsehoods I consented to a resolution (and without my consent the resolution could not have been passed) asking the Commissioner of Education to send the board a certified copy of the report, which was done.

The report itself was not recalled, but remained in Washington, and was printed as usual in the appendix of the annual report of the U. S. Commissioner of Education as the regular official report of schools in Alaska.

At a subsequent meeting of the board, January 23, 1889 (the general agent being absent), although a certified copy of my report had been received from Washington, it was neither read nor considered, but Judge Keatley was directed to make out a "new report and transmit the same to the Commissioner of Education."

This was not a substitute for the report of the general agent, as no one could legally make that report but himself. It was not even a report on education in Alaska, because Judge Keatley had recently come into the Territory and had no personal knowledge of its school affairs at that time. With his usual good judgment he did not attempt a report, but confined himself mainly to some general statements with regard to a few of the schools in southeastern Alaska, and particularly the training school at Sitka, of which he had some personal knowledge. His report was never submitted to the consideration of or approved by a vote of the Territorial board of education. In making his reflections upon the report of the general agent he was evidently misled by the assertions of Mr. Swineford, which were never proven, and I take this first opportunity since the publishing of the report of 1887-88 to deny that the report of the general agent for that year contains "a number of material inaccuracies."

Very truly yours,

SHELDON JACKSON,
General Agent of Education for Alaska.

CHAPTER XXV.

CITY SCHOOL SYSTEMS.

- A.—Remarks Relating to the Summary of City School Statistics and Supplementary Information—Differences in Local Organization—Reliability of School Statistics—Quantity of School Work Done in the City and in the Country Schools: The Proper Measure of School Work; Difference in the Quality of Work; Regularity of Attendance Greater in Cities; Number of Teachers and Their Salaries; Number and Value of Schoolhouses; Proportion of School Work Done by Cities (Table 1).
- B.—Remarks Relating to the Comparative Statistics, with Supplementary Information—Comparison of Statistics—Ratio of Total Enrollment to Population 6-14—Ratio of Aggregate Attendance to Population 6-14—Private and Parochial Schools; Reasons for Large Private School Attendance—Proportion of Pupils in High Schools—What Proportion of the Pupils Receive High School Instruction—Comparison of Ratios for the Last Three Years (Table 2).
- C.—Remarks and Supplementary Information Suggested by the Tables of Detailed Statistics—Number of Supervising Officers—Whole Number of Persons Employed in Instruction—Average Salary of Teachers—Text-books; Location of Cities Employing the Free Text-book System (Table 3)—The Wealth of Cities—High Schools: Number of High Schools Compared with Population; Distribution by Geographical Divisions of City Public High Schools (Table 4); Distribution by States of City Public High Schools (Table 5); Character of Instruction in High Schools; Sex of High School Graduates; Decreasing Proportion of Male Graduates; Number of Males and of Females Graduated from the High Schools of the Ten Largest Cities during 1860-64 Inclusive (Table 6); The Same during 1865-69 Inclusive (Table 7); The Same during 1885-89 Inclusive (Table 8)—Evening Schools: Falling off of Attendance; Unsatisfactory Condition of Evening Schools; A More Definite Plan Needed; The Length of the Evening School Term—Public Kindergartens: Large Cities which have avowedly Established the Kindergarten System (Table 9); Cities which have Established one or more Kindergartens, Mainly Experimental (Table 10).
- D.—Remarks Relating to the Tables of Comparative Statistics of Individual Cities.
- E.—Statistical Tables: Summary by States, of Population 6-14, Enrollment, Attendance, Teachers, High Schools, Accommodations, School Property, and Cost of Tuition (Table 11)—Summary by States of Comparative Statistics of Enrollment, Attendance, Teachers, and Accommodations (Table 12)—Summary by States of Comparative Statistics of Property and Expenditures (Table 13)—Statistics of Population and School Attendance and Enrollment in Individual Cities (Table 14)—Statistics of Supervising Officers, Teachers, Salaries, and Accommodations (Table 15)—Statistics of Public High Schools (Table 16)—Statistics of Evening Schools (Table 17)—Statistics of Property and Receipts (Table 18)—Statistics of Expenditures (Table 19)—Comparative Statistics of Enrollment, Attendance, Teachers, and Accommodations (Table 20)—Comparative Statistics of Property and Expenditures (Table 21)—List of Cities and Villages Concerning which no Information is at Hand.

A.—REMARKS RELATING TO THE SUMMARY OF STATISTICS OF CITY SCHOOLS (TABLE 11), AND INFORMATION SUPPLEMENTARY THERETO.

In the previous Reports of this Office it has been customary to include in the tables of summaries only those cities from which definite information was at hand. The table immediately following marks a departure from that method, in that it not only includes all the accurate data available, but also such estimates to supply deficiencies as may be regarded as reasonably reliable. The result desired is to secure a set of totals which will be totals in reality, and not the sum of results attained in a varying number of cities, leaving the rest unmentioned and unknown. The table is not without fault, but, inasmuch as all the cities are taken into account, it more nearly represents the sum of achievement of city schools than any similar table which has previously appeared.

The forthcoming federal census will probably show the number of cities and villages containing over 4,000 inhabitants to be somewhat greater or less than 768, the number included in the table, and if so, each item of the totals would be subject to correction. Numerous difficulties are experienced in perfecting the list of cities, and it may even now contain a few that do not possess the characteristics of cities to the extent necessary to their proper classification here, and it is equally true that some may have been omitted which have recently so grown and developed as to entitle them to be classified among urban communities.

DIFFERENCES IN LOCAL ORGANIZATION.

Such are the differences in local organization and government in the several States that the question of population is far from being the only perplexing element with which it is necessary to contend in this connection. Among the peculiarities which appear and which often involve problems of considerable difficulty may be mentioned—

1. The village of Edgewater, N. Y., which has a population of about 10,000 in two independent "towns," is in three separate postal districts, not one of which bears the name of the village, and contains four school districts which have no direct connection with each other.

2. The cities of Florida, incorporated as cities, but whose schools are managed by county officers in the same way and upon the same basis as the adjacent rural schools.

3. Some Western cities, including Denver, Colo., which embrace three entirely independent school organizations among which the territory is divided.

4. A few Southern cities, notably Washington, D. C., which contain two full sets of school officers, working side by side, in the same field, but in behalf of different races.

5. Certain New England villages, which, though containing several thousand inhabitants and important business interests, have no legal status, save as parts of the "towns" in which they are situated. Many of these villages, unincorporated and amenable to the government of "town" or township officers, contain twice the population that would be expected in the South or the West to constitute a "city," with mayor and council, board of education, and all the other embellishments of a full grown municipality.

RELIABILITY OF SCHOOL STATISTICS.

Such anomalies as these, and they are many, necessarily involve such varying methods of recording and reporting school data that it is not reasonable to hope for a strictly accurate summary of the conditions of education in all places that may be properly considered in a general way as cities, even if all forwarded reports as nearly correct as the circumstances in each case would permit. But of the 768 cities reliable statistics of 713 or 92.8 per cent. of the entire number were secured and are incorporated in Tables 14 to 19. As will be seen from the Tables referred to, many of the cities failed to report some of the items—on an average each item was omitted by probably 10 per cent. of the cities. These omissions and failures to report amount, therefore, to over one-sixth of the whole. This deficiency has been supplied by estimates based in each case upon the ratios developed by the surrounding cities or States.

In those cases in which no report was made of population excepting the estimated total, as in the cities of Pennsylvania and Minnesota, the population between six and fourteen was estimated by applying to the total population reported the ratio existing between the two at the last general census.

This explanation is given in order that the limitations to be placed upon the accuracy of the table may be fully known.

RELATIVE QUANTITY OF SCHOOL WORK DONE IN THE CITY AND IN THE COUNTRY SCHOOLS.

A comparison of the facts developed by this table with the figures shown in the tables of school statistics of States in Chapter XXII of this Report shows the importance of the city school systems in the educational field in a very strong light.

THE PROPER MEASURE OF SCHOOL WORK.

The truest measure of the quantity of work done is not the number of pupils enrolled, for that number may include those whose stay in school was too short to produce any tangible result; nor the average attendance, for that gives no idea of the time attended; nor the length of the school term, for that furnishes no clue to the number of children. The only quantity that takes all these things into consideration is what is technically called the "aggregate, or total attendance," which is determined by simply adding together the number of days every pupil was present in school. The result is the total number of days attended by all pupils, and may be said to be a measure of the total amount of instruction given.

Taking this item as the basis of comparison, it appears that 35.3 per cent., considerably over one-third, of all the instruction reported in public schools in the United States is given in cities, since the aggregate number of days' attendance on the part of all public school pupils in the entire country was 1,076,613,716, and the corresponding quantity for the cities alone was 379,800,612.

This, taken in connection with the fact that only 26.2 per cent. of the population 6 to 14, and only 22.6 per cent. of the whole enrollment are reported in the cities, shows the result of the more regular attendance and the longer school terms in the cities.

DIFFERENCE IN THE QUALITY OF WORK.

Let it be remembered that this estimate takes into consideration only the quantity of work done. A day in a "backwoods" country school is placed upon the same footing with a day in the finest school in the country. It does not, nor can it, introduce the question of quality of instruction in any way whatever. There can be little doubt that the portion of the nation's school work which the city systems do would be proved to be not far from one-half of the whole if it were possible to show on one hand the loss of time in so many rural schools by reason of frequent changes of teachers and methods of instruction, misdirected efforts and fruitless work resulting from inexperience or incompetence, lack of proper equipment and helps to teaching; and on the other hand, the advantages which accrue to the schools of the cities from close organization, skillful supervision, consultation of teachers, more or less permanent tenure of office, good houses and a fairly abundant quantity of supplies and apparatus that go far toward smoothing the rough road of instruction.

REGULARITY OF ATTENDANCE GREATER IN CITIES.

As stated above, the attendance of children enrolled is far more regular in cities than in country schools, the ratio being 71.4 per cent. in cities and 65.1 per cent. in the United States as a whole. This difference will probably never be overcome, for it is impossible in the country to reach the city standard of accessibility of schoolhouses, even if the teaching were as attractive and the buildings themselves were as favorable to regular attendance. In the matter of length of term there is more reason to hope for improvement, for in some States there is now very little difference between the city and the country schools in this respect. At present the average length of the school year is 191.6 days in the cities alone and 134.5 days in the entire country at large.

NUMBER OF TEACHERS AND THEIR SALARIES.

Only about one-seventh of the whole number of teachers in the United States are employed in city schools, but of the amount expended for teaching and supervision, 36.1 per cent. is paid by the cities. Except the showing of the approximately exact figures, nothing new is developed by this, for it is self-evident that large graded schools require a relatively small number of teachers; and it has been a matter of general regret since the inception of the public-school system that the wages paid country school-teachers are pitifully small. The greater length of the school term is also a factor which materially increases the proportion paid to city teachers.

There is very little difference in the average cost of tuition for each day's attendance of a pupil in the city and in the country, being 8.3 cents in one case and about 8.1 cents in the other. This near approach to equality is due solely to the low salaries paid in the country. If country teachers were paid at the same rate per diem as city teachers, owing to the proportionally greater number required, the average cost of one day's instruction for one pupil in the country would be about 15.9 cents, or almost twice as much as in the cities.

NUMBER AND VALUE OF SCHOOLHOUSES.

There are 216,330 schoolhouses in the United States, and only 7,670, or 3.5 per cent. of them, are in the cities—another instance of the economy possible in a dense population. In the United States, exclusive of cities, there is an average of one building to every 43 persons between 6 and 14 years of age, or one to every 29 pupils in average daily attendance in school, while in the cities the average is only one building to every 415 persons between 6 and 14, or to every 258 persons in average attendance.

The value of school property in the cities amounts to 52.8 per cent. of the whole. In other words, 7,670 buildings with their sites and furnishings are more valuable than all the remaining 208,660 houses with their grounds and equipments. Of course this is due principally to the great superiority of the city buildings in size, quality, and furnishing, but the great difference between land values in urban and rural localities affects the ratio, although it would be impossible to definitely determine to what extent.

The average value of each building, including site, furniture, etc., in the entire United States is \$1,495; in the cities it is \$25,583.

TABLE FOR COMPARISON.

For the sake of convenience in comparison, the quantities referred to in the foregoing paragraphs are reproduced in tabular form below.

TABLE 1.—*Proportion of school work done by cities.*

| | In the entire United States. | In the 768 cities. | Per cent. in the cities. |
|-----------------------------------------------|---------------------------------|-----------------------|--------------------------------|
| Population 6-14 | 12,138,199 | 3,184,326 | 26.2 |
| Public-school enrollment..... | 12,291,259 | 2,775,834 | 22.6 |
| Average attendance | 8,004,275 | 1,982,737 | 24.8 |
| Aggregate attendance | 1,076,613,716 | 379,800,612 | 35.3 |
| Number of teachers..... | 352,231 | 51,951 | 14.8 |
| Number of buildings..... | 216,330 | 7,670 | 3.5 |
| Value of school property | \$323,573,532 | \$170,640,879 | 52.8 |
| Salaries of superintendents and teachers..... | 87,888,666 | 31,709,954 | 36.1 |

B.—REMARKS RELATING TO THE COMPARATIVE STATISTICS (TABLES 12 AND 13), WITH SUPPLEMENTARY INFORMATION.

COMPARISON OF STATISTICS.

The meaning of the quantities shown in the table is brought out more clearly by the ratios and percentages in Tables 12 and 13. It is only by comparison that the full value of statistics can be realized. The comparison may be with the results attained in the same direction at a different period, or with the effects of similar efforts in other localities, or with other circumstances in the same locality which increase or limit the possibility of effective action. Then, most important of all in national statistics, comparisons may be instituted between different localities to determine the points of excellence of one over the other, taking into consideration the governing circumstances in each case, in order that the deficiencies of all may be remedied. To present opportunities for such comparisons, Tables 12 and 13 are presented. In each State the relation is shown between the principal controlling circumstances and the aggregate of results produced in all the cities reported.

RATIO OF TOTAL ENROLLMENT TO POPULATION 6-14, IN CITIES.

First, the number of children who received instruction, either in public or private schools, is compared with the whole number of children between six and fourteen years of age. South Carolina, Texas, and Kentucky make the poorest showing in this respect, each of them having less than three-fourths as many pupils enrolled in city schools as there are children of elementary school age. California, Connecticut, Illinois, Indiana, Iowa, Kansas, Massachusetts, Michigan, Nebraska, Nevada, New York, Ohio, Oregon, Rhode Island, Washington, and Wisconsin exhibit highly creditable ratios, while Colorado and Maine are so far in advance of all the other States as to create a suspicion that the school census upon which the population 6-14 was estimated contained an undue proportion of errors. Without an exhaustive examination into all the causes that produce the low and the high ratios, it may be stated that without a single exception all the States in which the percentages are noticeably low are Southern States in which there is a large negro population, whose failure or inability to take advantage of even the educational opportunities offered them is well known; and all the States mentioned as showing creditably high percentages, excepting Indiana, Iowa, and Oregon,¹ have upon their statute books laws compelling the attendance of all children in school. The compulsory laws are not, it is true, sufficiently effective to compel the attendance of those determined to remain at home, but they do exert an influence that is no less powerful for being outside the court room. Law-abiding and well-meaning people do not obey a law merely because a penalty is attached. To many of them the payment of the penalty would mean no hardship. But they respect the law simply as an expression of the public will intended for the public good, and obey it accordingly. There is no doubt that the compulsory-attendance laws often operate in this way to keep children in school when circumstances might otherwise make longer attendance a matter of doubt.

¹ Oregon has recently passed a compulsory-attendance law.

Another light in which this coincidence between the existence of high attendance ratios and compulsory laws may be viewed, even when admittedly inefficient, is that each is but an index to the favorable public sentiment toward education existing in those States; and that since both spring from the same cause, neither is due to the other.

The former explanation will be acceptable to the promoters of compulsion in education, while the latter will meet the approval of the opposing party. There is truth in both.

In the enrollment in public schools alone the States hold practically the same rank as before, the Southern States falling far in the rear, and the highest averages being produced in Colorado and Maine.

RATIO OF AGGREGATE ATTENDANCE TO POPULATION 6-14.

Column 8, however, is the best criterion presented, for it shows the relation between the aggregate attendance and the population. In this, Massachusetts leads.

The instruction given in the cities of that State was sufficient to give to each child of elementary school age 174.3 days. Maine, California, Connecticut, Nevada, Colorado, and West Virginia follow in the order named, and Florida, Mississippi, and Texas are last in the list. It will be remembered that this proportion is affected by the length of the school term, a matter in the control of the cities themselves; by the number of children brought into school, which varies with the activity of the teachers and school officers; and by the regularity of attendance, which is largely dependent upon the children and their parents. Massachusetts leads in the relative amount of school work done, because the school term is invariably long; nearly all children that could be expected to be in school are not only there, but are closely and carefully held to their work, as the high per cent. of attendance in column 6 proves. The relative amount paid to supervising officers and teachers in Massachusetts is larger than in any other Eastern State,¹ and this undoubtedly is a very important factor in accomplishing the result mentioned, for it is natural that more intelligent teachers would be attracted by the larger pay offered; the effect is seen in the record of the pupils' attendance. Another fact shown by the statistics that may be adduced as having a direct bearing upon the amount of instruction given is, that in Massachusetts the accommodations more nearly meet the requirements of the school population than in any other State, excepting Maine.

PRIVATE AND PAROCHIAL SCHOOLS.

In the matter of attendance in private and parochial schools in cities, New Hampshire and Vermont are entitled to precedence, for in the cities of each of these States over a third of the children in school are in institutions of that class.

The States showing the next largest proportion of private school enrollment in cities are Utah, Illinois, South Carolina, Maryland, Missouri, Mississippi, and Indiana, in all of which the percentage is over 25; and Kentucky, Michigan, New Jersey, New York, North Carolina, Ohio, Texas, Virginia, and Wisconsin, in which between 20 and 25 per cent. of the enrollment is in schools not under public control.

To assign as a general reason for a large private school enrollment their superiority to the public schools would be fallacious, because in many of the States included in the above category the city schools are of undoubted excellence. It would be equally unreasonable to ascribe, as has frequently been done, such a condition of things to over-organization and too much centralization in the public schools, for if this were true, Connecticut and Massachusetts, the two most thoroughly organized States in the Union, would not show such a small proportion in private schools.

The truth is that no one cause is operative in all States, and the same effect is produced by different circumstances in different localities. In New Hampshire, Vermont, and in other States the cause doubtless lies largely in the general withdrawal of Catholic children from the public schools; in many of the States of the South the public school idea has not yet attained its full measure of popularity, and in many places the population increases more rapidly than the public school facilities, and private schools reap the benefit. Insufficiency as an aid to private schools is far more potent than inefficiency, for a well-taught and conspicuously successful public school arouses a general interest in education which manifests itself first by filling the public school to its capacity and then in the increased prosperity of neighboring private educational establishments if the public school accommodations are not sufficient. On the contrary, if the instruction in the public school is indifferent—neither good nor bad, but not of the kind to arouse the enthusiasm of the pupils and maintain the interest of their parents—the private schools must rely principally for their patronage upon the more limited class

¹ See column 7, Table 13.

of people in easy financial circumstances who may be expected to patronize select schools under any ordinary conditions. Others, knowing public schools to be available without direct cost, would hesitate or refuse to incur needless extra expense, and should their interest wane on account of the failure of the public school to meet their anticipations, the result is a loss to the public school, from which the private school will derive no advantage.

PROPORTION OF PUPILS IN CITY HIGH SCHOOLS.¹

In the proportion of pupils in city high schools, Vermont, with 9.9 per cent., leads the list, and Nevada, New Hampshire, West Virginia, Wyoming, and Maine follow. The tendency of pupils to stop before completing the course is very much less pronounced in small than in large cities,² and it will be noticed that all the cities of the States just named are only of moderate size at most. This accounts in part for the superiority of the percentages shown by these States, but full credit is nevertheless due them, for in cities of the lowest class in 1887-88 the percentage of high-school pupils was 7.3, or less than that in any State mentioned except Maine.

WHAT PROPORTION OF THE PUPILS RECEIVE HIGH-SCHOOL INSTRUCTION?

No item of school statistics is misunderstood oftener than that referred to in the foregoing paragraph. Even the friends of public high schools sometimes fall into the error of considering that the percentage of pupils in the high schools at any one time represents the proportion of the children who receive high-school instruction; their opponents, similarly erring, make free use of this alleged insignificant proportion and reference to it may be found in every paper whose object is to belittle the work of public high schools.

A conspicuous use of this wholly erroneous use of statistics may be found in an entertaining little book on "Our Common School System," which emanated from the pen of a well-known lady writer a few years ago. This author presents many of the old arguments against public high schools, clothed, however, in new and attractive dress, and among them places this:

"It is true that the high school is, in theory, open to all, but actually it is only the very few who can and do take advantage of it. Of every hundred pupils who attend the lower schools, statistics show that not more than five, in many places not more than three, attend the high school. The majority get no benefit from the high schools, other than that indirect benefit which they get equally from private academies and colleges. They yet reap, indeed, disadvantage; for too often the instruction in the lower schools is shaped, not to the greatest good of the great number who are to find their only schooling in these schools, but to the demands of those who are to go into the high school. The grammar school aims to fit pupils for the high school. It shapes its course of study for the five pupils who will graduate at the high school. It ought to fit pupils for entering active life intelligent. It ought to shape its course of instruction for the ninety-five or ninety-seven who will have no course of instruction except that which the grammar schools furnish."

The same erroneous assertion is made in the same chapter to prove that we do not get the masses into the high schools after we establish them, for "the high school plucks only from 3 to 5 per cent. out of the masses to guide their studies, while the remaining ninety-five are left to regulate their own reading just as if there were no high schools at all;" and again in bewailing the "evil * * * that the best teachers, the most highly educated and most highly paid, are not put into the primary schools, where all the children have the benefit of their culture, but into the high schools, where only 3 or 5 per cent. of the children come in contact with them."

These extracts are not introduced here in order that the arguments they contain might be refuted, but merely to show an instance of the glaring misuse of statistics, the fallacy of which almost invariably escapes notice.

The ratio represented in the table shows the relative popularity of the high schools sufficiently for comparison between cities, etc.; nothing more.

If it is desired to know what per cent. of all the children enrolled receive the benefits of instruction in the high schools, it is necessary not only that those now in that department be considered, but all those yet in the elementary grades who eventually reach the high school must also be taken into the calculation.

A concrete example will make this plain. Suppose that every child in the United States were in school in that grade which corresponds to his age according to the usual classification, and that every child were annually promoted to the next higher class un-

¹ See also page 774.

² See Education Report for 1887-88, page 361, column 14.

til he completes the course, or until his death, if that should occur prior to his graduation. In such a case, taking the census of 1880 as a basis, the number in the eight elementary grades would be 9,766,696, *i. e.*, the total population between 6 and 14 years of age. At the same time there would be 3,941,365 pupils in the four high-school grades, whose ages would be from 14 to 18 years. Only 28.7 per cent. of the whole number would be in the high schools at any one time. But, according to the hypothesis, all who live long enough graduate, and "the proportion who reach the high schools" would therefore be 100 per cent. Now if 28.7 per cent. represents the high-school enrollment when *all* reach that school, 4.5, which is now the actual proportion for the United States, indicates that $\frac{4.5}{28.7}$, or 15.7 per cent. of all the pupils enrolled do actually reach the high schools.

This proportion can not be far from the correct one.

COMPARISON OF RATIOS FOR THE LAST THREE YEARS.

The statistics of cities have been presented in a form similar to that of Tables 12 and 13, in two Annual Reports prior to the one of which this is a part.

In order that the idea of comparison may be further carried out, the principal ratios developed in the cities reporting in those years are reproduced below in connection with the corresponding percentages for 1888-89.

TABLE 2.—Comparative statistics for three years of all cities from which information has been received.

| Year. | Ratio of total public and private school enrollment to population 6-14. | | Ratio of public school enrollment to population 6-14. | | Ratio of private school enrollment to total public and private school enrollment. | | Ratio of average daily attendance to— | | Average number of days' attendance of each pupil enrolled. | Aggregate attendance is equivalent to attendance of entire population 6-14 for— | Number of pupils in average daily attendance to each teacher. | Number of sittings to each 100 of average daily attendance. | Average number of sittings to a building. | Ratio of high school enrollment to total public school enrollment. | Value of school property per capita of— | | Expenditure for salaries of supervising officers and teachers per capita of— | |
|-----------|-------------------------------------------------------------------------|---------------|-------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------|---------------------------|---------------------------------------|---------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------|-----------------------------------------|--|------------------------------------------------------------------------------|--|
| | Population 6-14. | Enrollment. | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | | | | | | | | | | |
| | <i>Pr ct.</i> | <i>Pr ct.</i> | <i>Pr ct.</i> | <i>Pr ct.</i> | <i>Pr ct.</i> | <i>Pr ct.</i> | <i>Days.</i> | | | | | | | <i>Pr ct.</i> | | | | |
| 1886-87.. | 120.4 | 92.9 | 22.4 | 66.6 | 70.1 | 140.5 | 125.4 | 37.4 | 124.1 | 337.5 | 4.5 | \$57.23 | \$85.00 | 10.77 | \$15.96 | | | |
| 1887-88.. | 117.2 | 92.5 | 21.0 | 65.8 | 70.1 | 133.7 | 123.3 | 37.0 | 123.6 | 324.2 | 4.5 | 52.64 | 80.54 | 10.85 | 16.29 | | | |
| 1888-89.. | 109.7 | 87.2 | 20.6 | 62.2 | 71.4 | 136.9 | 119.3 | 38.1 | 127.2 | 328.5 | 4.5 | 53.59 | 86.10 | 9.99 | 16.05 | | | |

It appears, therefore, that during the period included the school population has increased more rapidly than the schools. From one-fifth greater than the population six to fourteen in 1886-87 the whole enrollment in all schools has fallen to one-tenth greater in 1888-89. In the public schools there is a smaller proportion of the population, but a slightly larger proportion of the whole enrollment, showing a gain of 1.8 per cent. upon the private institutions. In regularity of attendance there has been a gain of 1.3 per cent., and in the length of time each enrolled pupil remained in school there was an increase over last year, though the standard of 1886-87 was not reached. In the aggregate amount of instruction as compared with population six to fourteen there has been a decrease of 4 days from last year and 6.1 days from 1886-87. The proportion of enrollment in high schools is the same as the two previous years, and though the other items show slight changes they are not indicative of a general tendency either for the better or for the worse.

C.—REMARKS AND SUPPLEMENTARY STATISTICS SUGGESTED BY THE TABLES OF DETAILED STATISTICS (Nos. 14 TO 19, INCLUSIVE).

In the following tables are presented the facts necessary to a full exhibit of the educational conditions of 711 cities and villages, representing a total estimated population of 19,787,991. This number of cities is the largest that has ever been represented in the reports of this office, a fact all the more gratifying because the similar tables of previous reports included a great many New England "towns" which contain no communities sufficiently thickly settled to entitle them to be classed as "urban." This

error was due to the peculiar signification of the word "town" as it is used in New England, New York, and New Jersey. There the name is applied to a division of a county, a portion of territory corresponding very nearly to what is called in the West a "township" and in some parts of the South a "beat." In all other States the same word is commonly applied to a thickly populated community somewhat more pretentious in size than a village; to this difference in usage was probably due the improper consideration of some of the New England towns upon the same basis as cities containing the same number of inhabitants. In this report they have been eliminated as far as possible, though a few may yet remain because of the uncertainty felt regarding their exact status.

To avoid if possible any misapprehension as to the scope of these tables and to prevent incorrect returns, the word "town" is no longer employed in this connection. To indicate, however, that any assemblage of houses in which 4,000 or more persons reside may be included, whether or not designated a city by local laws, the term "village" is used, since that will not be liable to be misunderstood in any section, and will exactly apply in many States.

NUMBER OF SUPERVISING OFFICERS.

An attempt is begun in Table 15 to show the number of officers in the several cities whose time is devoted wholly or principally to supervision. Being entirely new to many correspondents as an item of statistics, the replies were not as numerous nor the information elicited as satisfactory as might have been desired, but it is hoped that the next report will show a great improvement in both respects. The question of supervision is an important one and is receiving increased attention. The relative number of supervising officers and teachers, showing the degree of the closeness of supervision, and the relative increase in the number of supervisors from year to year, showing the growth of the system of supervision, can be best exhibited by statistics.

In the table referred to 484 cities report 1,928 supervisors, or an average of 4 to each city. If this average hold good for all the 768 cities in the United States, the whole number of supervisors would be over 3,000, but it will be noticed that the majority of the cities not reporting the item are small, and in many instances the blank is undoubtedly equivalent to a cipher. It is not likely that the unreported 284 cities employ more than 400 persons who devote enough time to supervision to be properly considered supervisors. If this conjecture—it is no more—approach the truth, the whole number of supervising officers in all the cities would be not far from 2,300.

WHOLE NUMBER OF PERSONS EMPLOYED IN INSTRUCTION.

A column is also given in the same table designed to show the number of substitute teachers regularly employed, but the information it contains is even less satisfactory than that in relation to supervisors. Three hundred and thirty-nine cities report that they employ a total 1,955 substitutes. In this case, too, many of the blanks that appear may indicate a negative answer, but the item is not reported by a number of large cities in which it is known that a great many substitutes are absolutely necessary. One thousand would be a moderate estimate of the number employed but not reported; this would make the whole number of substitutes 2,955.

Now, if to the 51,981 regular class teachers reported in Table 11 we add 2,300 supervisors and 2,955 substitutes, the whole number of persons directly and continuously employed in the instruction of children in city schools is shown to be 57,236. This number is not made a part of the table of totals upon page 783 for obvious reasons, but it is given here for what it is worth.

AVERAGE SALARY OF TEACHERS.

The statistics relating to the average salaries of teachers presented in Table 15 have not proved to be as useful as it was hoped they would be. It is evident that the figures reported were not obtained according to any uniform method, and it may be doubted whether they present an altogether trustworthy basis of comparison. The information conveyed by the "average annual salary of teachers" is at best vague and uncertain, and to be of any value for statistical purposes it is necessary that it have the same signification in all cases.

TEXT-BOOKS.

In column 14, Table 15, are placed the replies to the question relating to the system of supply of text-books. Six hundred and thirty-five cities responded, 115 reporting that

the free text-book system has been adopted, 16 that books are furnished free either in certain grades or in certain studies, and 2 that books are purchased by school authorities and sold at cost to pupils. The remaining 502 replies indicate that the pupils themselves purchase their books in open market. A considerable proportion of the cities of the last class loan books free to pupils unable to buy them; 75 superintendents mention the existence of this custom, but it is known that this number does not include all the cities in which indigents are thus supplied.

The geographical location of the 115 cities in which the free text-book plan prevails is shown by the following table:

TABLE 3.—*Location and number of cities employing the free text-book system.*

| State. | Cities. | State. | Cities. |
|--------------------|---------|--------------------|---------|
| Delaware..... | 2 | New Hampshire..... | 2 |
| Illinois..... | 1 | New Jersey..... | 19 |
| Indiana..... | 1 | New York..... | 18 |
| Maine..... | 4 | Pennsylvania..... | 10 |
| Maryland..... | 1 | Rhode Island..... | 2 |
| Massachusetts..... | 48 | Virginia..... | 1 |
| Michigan..... | 1 | Wisconsin..... | 4 |
| Nebraska..... | 1 | | |

In Massachusetts a State law requires that all books be furnished by the cities and towns, and thus it happens that of all the cities reported 42 per cent. are in that State. Similar laws have since been enacted in Maine and New Hampshire. In addition to the 19 cities in New Jersey in which the free system has been adopted in full 3 cities furnish a part of the books used, and only 6 report no provision. In New York 18 of 67 cities furnish books gratuitously, 2 furnish a part, and 1 city sells them to the children at cost. In Pennsylvania 10 cities furnish all books and 3 furnish a part.

One hundred and three of the 115 cities are in the North Atlantic, 4 in the South Atlantic, and 8 in the North Central Division. The South Central and the Western Divisions are entirely without representation in the list, which includes no city south of Portsmouth, Va., and none west of Eau Claire, Wis., excepting Omaha, Nebr. It may be said, therefore, that the practical application of the free text-book idea is confined to the northeast quarter of the United States, and in the northeast quarter of that quarter are found the great mass of its supporters.

THE WEALTH OF CITIES.

One of the most important items to be considered in comparing the statistics of cities is the wealth of the city and its ability to support schools and other public institutions. To show this properly and in such a manner as to do justice to all concerned is an ever-recurring problem. The assessed value of all taxable property has been presented as an index to the cities' wealth in all previous reports and also appears in Table 18 in this volume, but it is a well-known fact that the methods of assessment differ so widely that little reliance can be placed in comparisons instituted upon such a basis.

For purposes of taxation it is immaterial whether property is assessed at its true value or any part thereof, provided that all is assessed at the same proportion of value. The rate of taxation necessary to produce a given amount of revenue will vary inversely with the assessment, but the actual amount paid upon any piece of property will be unaltered. Thus it happens that a ten-mill school tax in one city does not necessarily imply a weightier burden than a two-mill tax in another. But if no heavier taxation is shown by the higher rate, the item is worse than useless for statistical purposes, for it is misleading; and the same is true of the cause of the incongruity, the uncertain "assessed valuation." But in order that there may be some test by which a city's wealth may be judged more fairly than is possible with no other criterion than the varying assessment or the still more unreliable "estimate" as it is usually made, the form of inquiry recently sent out included a question by which the official basis of assessment in every case was obtained.

The assumption is, of course, that there is always a definite plan pursued by the assessing officers, and that their valuation represents either a fair cash value of property or some uniform part thereof. Then, the assessor's figures and the basis of assessment being given, it is a simple matter to find the true value of the property assessed. Col-

umn 3, Table 18, shows the result. The figures presented appear somewhat improbable in certain cases and the outcome is not altogether satisfactory as a whole, but even with its faults a far more equitable basis for comparison is established than has been available heretofore.

CITY HIGH SCHOOLS.¹

In Table 16 appear statistics relating to the public high schools of 660 cities.

The whole number of schools reported is 725, which number would probably be increased by about 100 if all the 768 cities were heard from.

NUMBER OF HIGH SCHOOLS COMPARED WITH POPULATION.

The following table reveals several interesting facts in relation to the 725 schools concerning which definite information is at hand:

TABLE 4.—*Distribution, by geographical divisions, of city public high schools.*

| | Number of cities reporting. | Number of public high schools reported. | Percentage of whole number reported. | Total estimated population of the cities reporting. | Ratio of number of public high schools to total estimated population of cities reporting. |
|------------------------------|-----------------------------|-----------------------------------------|--------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------|
| United States | 661 | 725 | <i>Per ct.</i> 100.0 | 19,450,641 | One school to 26,828 persons. |
| North Atlantic Division..... | 247 | 265 | 36.6 | 9,236,985 | One school to 34,856 persons. |
| South Atlantic Division..... | 46 | 61 | 8.4 | 1,507,335 | One school to 24,710 persons. |
| South Central Division..... | 45 | 58 | 8.0 | 1,332,671 | One school to 22,977 persons. |
| North Central Division..... | 291 | 312 | 43.0 | 6,555,440 | One school to 21,011 persons. |
| Western Division | 31 | 29 | 4.0 | 818,210 | One school to 28,214 persons. |

High schools are relatively most numerous in the cities of the North Central Division and fewest in those of the North Atlantic Division. This does not necessarily mean that high-school advantages are more limited in the North Atlantic than in any other division, for in this, as in all other divisions but the Western, there are more schools than cities; but it is due to the fact that the cities, and consequently the schools themselves, are larger. The cities of New York and Philadelphia alone have as large a population as all the 91 cities reporting from the South Atlantic and South Central Divisions combined, yet 5 high schools suffice for New York and Philadelphia, while 109 are necessary for the 91 Southern cities.

¹ See also page 770.

The following table exhibits more in detail the location of the schools reported and their numerical relation to the total population which they are intended to serve:

TABLE 5.—*Distribution by States of city public high schools.*

| State. | Number of cities reporting. | Number of high schools reported. | Total estimated population of cities reporting. | State. | Number of cities reporting. | Number of high schools reported. | Total estimated population of cities reporting. |
|---------------------------|-----------------------------|----------------------------------|-------------------------------------------------|-------------------------|-----------------------------|----------------------------------|-------------------------------------------------|
| NORTH ATLANTIC DIVISION. | | | | Louisiana..... | 1 | 2 | 243,101 |
| Maine..... | 12 | 12 | 160,427 | Texas..... | 15 | 15 | 335,948 |
| New Hampshire..... | 7 | 7 | 111,000 | Arkansas..... | 5 | 5 | 72,500 |
| Vermont..... | 5 | 5 | 48,500 | NORTH CENTRAL DIVISION. | | | |
| Massachusetts..... | 48 | 64 | 1,424,050 | Ohio..... | 59 | 63 | 1,369,260 |
| Rhode Island..... | 6 | 6 | 204,000 | Indiana..... | 31 | 35 | 500,040 |
| Connecticut..... | 14 | 13 | 288,239 | Illinois..... | 40 | 43 | 1,278,771 |
| New York..... | 66 | 63 | 3,791,523 | Michigan..... | 35 | 35 | 649,427 |
| New Jersey..... | 22 | 19 | 796,900 | Wisconsin..... | 31 | 33 | 496,693 |
| Pennsylvania..... | 67 | 76 | 2,412,346 | Minnesota..... | 13 | 16 | 534,985 |
| SOUTH ATLANTIC DIVISION. | | | | Iowa..... | 24 | 24 | 344,887 |
| Delaware..... | 2 | 2 | 61,600 | Missouri..... | 26 | 30 | 842,065 |
| Maryland..... | 3 | 6 | 522,343 | Dakota..... | 5 | 5 | 33,201 |
| District of Columbia..... | 1 | 2 | 218,157 | Nebraska..... | 9 | 9 | 237,225 |
| Virginia..... | 11 | 14 | 224,400 | Kansas..... | 18 | 18 | 268,886 |
| West Virginia..... | 5 | 13 | 63,578 | WESTERN DIVISION. | | | |
| North Carolina..... | 9 | 6 | 76,000 | Montana..... | 1 | 1 | 30,000 |
| South Carolina..... | 3 | 3 | 84,357 | Wyoming..... | 1 | 1 | 8,000 |
| Georgia..... | 9 | 10 | 231,500 | Colorado..... | 5 | 5 | 85,000 |
| Florida..... | 3 | 4 | 26,000 | New Mexico..... | 0 | ..... | ..... |
| SOUTH CENTRAL DIVISION. | | | | Arizona..... | 1 | 1 | 10,000 |
| Kentucky..... | 9 | 12 | 298,150 | Utah..... | 2 | 1 | 49,470 |
| Tennessee..... | 6 | 11 | 203,472 | Nevada..... | 4 | 4 | 23,000 |
| Alabama..... | 5 | 8 | 126,500 | Idaho..... | 1 | 1 | 4,000 |
| Mississippi..... | 4 | 5 | 53,000 | Washington..... | 4 | 3 | 64,240 |
| | | | | Oregon..... | 1 | 1 | 37,000 |
| | | | | California..... | 11 | 11 | 507,500 |

CHARACTER OF INSTRUCTION IN HIGH SCHOOLS.

Columns 12 to 16 in Table 16 were introduced to show the character of the instruction imparted in the several schools. The information shown is not of the character to justify the formation of new opinions or startling conclusions of a general kind, for it simply brings further proof to the well-known fact that the great majority of high school students are about equally divided between the two principal courses that are practically the same the country over. For purposes of comparison between individual schools, and in judging the character of each, the columns are principally valuable.

SEX OF HIGH SCHOOL GRADUATES.

In the column showing the number of high school graduates during the year, 543 cities are reported, showing a total of 11,970 persons graduated. Of this number 3,561 are males and 7,963 are females, the sex of 446 not being reported. Of those whose sex is known 30.9 per cent. are boys and 69.1 per cent. are girls.

The small proportion of boys who finish the high school course is a matter of grave concern which is worthy of the most serious consideration, especially since it is apparent that the proportion is decreasing. This tendency is conspicuously visible in the largest cities. It may be remarked in passing that not only is the proportion of high school pupils lost in those cities,¹ but among those who do reach the highest grades boys are relatively fewer in the large than in the smaller cities. In the ten great cities named in the table below the ratio of boys to the whole number of graduates in 1889 was 25.2 per cent. 5.7 per cent. less than the same ratio for all of the cities.

¹ See column 7, Table 21, p. 309, Education Report, 1883-87, and column 14, Table 26, p. 360, Education Report, 1887-88.

DECREASING PROPORTION OF MALE GRADUATES.

To determine what has been the decrease in the relative number of males a table has been prepared, showing the number of male and of female graduates from the high schools of the ten principal cities during three periods of five years each, ending 1864, 1869, and 1889, respectively. The last period is separated from the first two by sufficient interval to show the effect of causes constantly operating; each covers time enough to avoid errors that might occur from considering results produced in a shorter time which might be the outcome of accidental, not permanent, causes; and finally, the cities taken are representatives of all sections of the country, so that the conclusions reached may not be vitiated by a suspicion that the causes are to be found in purely local conditions. Prior to 1860 the records are not sufficient for general comparisons.

TABLE 6.—Number of males and of females graduated from the high schools of the ten largest cities during 1860-64 inclusive.

| | 1860. | | 1861. | | 1862. | | 1863. | | 1864. | | Total. | | Proportion of boys to whole number. |
|------------------------------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|-------------------------------------|
| | Boys. | Girls. | Boys. | Girls. | Boys. | Girls. | Boys. | Girls. | Boys. | Girls. | Boys. | Girls. | |
| San Francisco <i>a</i> | | | | | | | | | | | | | Percent |
| Chicago..... | 23 | 20 | 17 | 22 | 17 | 30 | 7 | 38 | 9 | 44 | 73 | 154 | 32.2 |
| New Orleans <i>b</i> | 8 | 26 | | | | | | | | | 8 | 26 | 23.5 |
| Baltimore..... | | | 16 | 60 | 22 | 117 | | | 13 | 77 | 51 | 254 | 16.7 |
| Boston..... | 47 | 28 | 43 | 38 | 62 | 57 | 55 | 45 | 39 | 58 | 246 | 226 | 52.1 |
| St. Louis <i>c</i> | 16 | 6 | 22 | 10 | 12 | 8 | 15 | 5 | 9 | 7 | 74 | 36 | 67.3 |
| Brooklyn <i>d</i> | | | | | | | | | | | | | |
| New York <i>e</i> | | | | | | | | | 40 | 78 | 40 | 78 | 33.9 |
| Cincinnati..... | 20 | 15 | 13 | 18 | 19 | 23 | 23 | 22 | 19 | 31 | 99 | 109 | 47.6 |
| Philadelphia..... | 51 | 62 | 38 | 63 | 35 | 49 | | | 19 | 34 | 143 | 208 | 40.7 |
| | 165 | 157 | 154 | 211 | 167 | 284 | 100 | 110 | 148 | 329 | 734 | 1,091 | 40.2 |

a The boys' high school was established in 1864; the first class graduated from the girls' high school in 1865.

b Data for this period not available, except for 1860.

c Number in senior class.

d The first class graduated from the Central School in 1880.

e Prior to establishment of girls' high and normal school supplementary classes were maintained with a course of study covering two years, for girls; number of graduates prior to 1864 is not shown.

TABLE 7.—Number of males and of females graduated from the high schools of the ten largest cities during 1865-69 inclusive.

| | 1865. | | 1866. | | 1867. | | 1868. | | 1869. | | Total. | | Proportion of boys to whole number. |
|--------------------------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|-------------------------------------|
| | Boys. | Girls. | Boys. | Girls. | Boys. | Girls. | Boys. | Girls. | Boys. | Girls. | Boys. | Girls. | |
| San Francisco..... | 0 | 20 | 5 | 13 | 14 | 34 | 15 | 33 | 15 | 18 | 40 | 118 | Percent |
| Chicago..... | 11 | 33 | 7 | 36 | 8 | 50 | 14 | 43 | 19 | 69 | 59 | 231 | 29.3 |
| New Orleans..... | | | 20 | 22 | | | 11 | 38 | | | 31 | 60 | 30.3 |
| Baltimore..... | 17 | 40 | 22 | 69 | 16 | a15 | 20 | 75 | 21 | 102 | 96 | 301 | 34.1 |
| Boston..... | | | 45 | 52 | 53 | 58 | 51 | 62 | 76 | 65 | 225 | 237 | 24.2 |
| St. Louis <i>b</i> | 10 | 11 | 14 | 24 | 12 | 21 | 16 | 25 | 17 | 26 | 69 | 107 | 48.7 |
| Brooklyn <i>c</i> | | | | | | | | | | | | | 39.2 |
| New York <i>d</i> | 29 | 26 | 25 | 125 | 30 | 195 | | | 41 | 220 | 125 | 566 | 18.1 |
| Cincinnati..... | 13 | 15 | 18 | 16 | 21 | 19 | | | 20 | 39 | 77 | 89 | 46.4 |
| Philadelphia..... | 40 | 71 | 28 | 59 | 37 | 63 | | | | | 105 | 193 | 35.2 |
| | 125 | 216 | 184 | 416 | 191 | 455 | 127 | 276 | 209 | 539 | 836 | 1,901 | 30.5 |

a Course in Eastern Female High School changed to four years.

b Number in senior class.

c The first class graduated from Central School in 1880.

d Males, graduates of Free Academy, afterwards New York College; females, graduates of supplementary classes of two years.

TABLE 8.—*Number of males and of females graduated from the high schools of the ten largest cities during 1885-89 inclusive.*

| | 1885. | | 1886. | | 1887. | | 1888. | | 1889. | | Total. | | Proportion of boys to whole number. | Decrease in same from— | |
|---------------------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|-------------------------------------|------------------------|----------|
| | Boys. | Girls. | Boys. | Girls. | Boys. | Girls. | Boys. | Girls. | Boys. | Girls. | Boys. | Girls. | | 1860-64. | 1865-69. |
| San Francisco | 59 | 179 | ..... | ..... | 48 | 159 | 50 | 121 | 43 | 140 | 200 | 599 | <i>Pr. ct.</i> | ..... | 4.3 |
| Chicago | 37 | 112 | 37 | 131 | 36 | 157 | 49 | 194 | 33 | 281 | 192 | 875 | 18.0 | 14.2 | 2.3 |
| New Orleans..... | ..... | a8 | a28 | 10 | 62 | ..... | ..... | ..... | ..... | ..... | 18 | 90 | 16.7 | 6.8 | 17.4 |
| Baltimore..... | 16 | 125 | 19 | 128 | 49 | 124 | 43 | 117 | 63 | 129 | 190 | 623 | 23.4 | (b) | .8 |
| Boston c..... | 203 | 253 | 219 | 320 | 256 | 399 | 268 | 383 | 252 | 339 | 1,198 | 1,694 | 41.4 | 10.7 | 7.3 |
| St. Louis d..... | 16 | 84 | 20 | 110 | 32 | 102 | 35 | 122 | 22 | 181 | 125 | 599 | 17.2 | 50.1 | 22.0 |
| Brooklyn..... | 18 | 173 | 33 | 188 | 42 | 185 | 0 | 147 | 10 | 159 | 103 | 852 | 10.8 | ..... | ..... |
| New York..... | ..... | c38 | f286 | c38 | f289 | c55 | f291 | c50 | f291 | 181 | 1,157 | 13.5 | 20.4 | 4.6 | 4.6 |
| Cincinnati..... | 54 | 90 | 52 | 76 | 67 | 72 | 53 | 92 | 51 | 58 | 277 | 383 | 41.6 | 6.0 | 4.8 |
| Philadelphia..... | ..... | 57 | 237 | 59 | 237 | 137 | 253 | 95 | 260 | 348 | 987 | 26.1 | 14.6 | 9.1 | 9.1 |
| | 403 | 1,016 | 483 | 1,504 | 637 | 1,786 | 600 | 1,720 | 619 | 1,853 | 2,838 | 7,864 | 26.5 | 13.7 | 4.0 |

a Number of seniors in December, 1885.

b Increase, 6.7.

c Includes graduates of Latin schools and members of third year and advanced classes of high schools.

d Number in senior class.

e From the College of New York City.

f From the New York Normal College.

The large ratio of boys graduated during the first five years is all the more remarkable since not only did a considerable number of boys actually leave school to enlist in the military service, but it may be assumed that the absence of such numbers of men from their ordinary avocations necessitated by the civil war had the effect of increasing the demand for the services of youths of high school age both at their homes and in the industrial and business pursuits. It would have been natural to suppose, therefore, that the relative number of boys in the high schools would show an immediate increase after the disbanding of the armies, and the resumption of their places in the peaceful callings by over a million of released soldiers.

But the statistics bear witness that instead of an increase, the second five-year period shows a falling off of nearly 10 per cent., proving that the unreasonable and inexplicable custom that takes boys prematurely from the schools and puts them to work ill-prepared for its exactions was even then tightening the grip which it has held with increasing firmness ever since.

In the third period, which embraces the present time, the girl graduates outnumber the boys nearly three to one. The proportion of boys is largest in the cities of Cincinnati, Ohio, and Boston, Mass., and smallest in Brooklyn, N. Y., where the girls are more than eight times as many as the boys. The greatest decrease is noticed in St. Louis, Mo., where from two boys to one girl in 1860-64 the proportion has changed to four girls to one boy during the last period.

In Baltimore the decrease since 1865-69 is inconsiderable, and since 1860-64 there has been an actual gain. This is due principally to the establishment of the manual training school, which has annually graduated a large class of boys without affecting the popularity of the City College. A similar result may be seen in Philadelphia since the graduation of the first class from the manual training school there, for there has been no falling off in the number graduated from the Central High School, while the graduates from the special school represent a clear gain. This does not immediately justify the conclusion that the solution of the question of the small proportion of boy graduates consists in the establishment of special schools to hold those who would ordinarily leave before the completion of the course, for even if it be granted that the end justifies the means the time that has elapsed has not been sufficient to show the ultimate effect of the special schools upon the older and more orthodox institutions. But there can be no doubt that the statistics so far are favorable to the advocates of the "mechanic-arts high schools."

EVENING SCHOOLS.

The existence of evening schools is reported in 149 of the 710 cities heard from. Six cities, namely, Rockford, Ill., Plymouth, Mass., East Saginaw, Mich., Escanaba, Mich.,

Cohoes, N. Y., and Sidney, Ohio, report the discontinuance of the evening schools maintained in 1887-88; and no information is given in the reports and returns received in this office relating to such schools in Key West, Fla., Muscatine, Iowa, Peabody, Mass., Harrisburg, Pa., New Castle, Pa., Wilkes Barre, Pa., and Oshkosh, Wis., all of which reported them last year.

One hundred and thirty-four cities now on our lists were included in the evening-school table in the last Report. The number represented in Table 17 herewith is greater by fifteen, hence twenty-eight cities report evening schools this year which did not report them in 1887-88. The actual gain in the number of evening schools can not be positively stated, for it is impossible to say in how many of these twenty-eight cities this is the initial year, since some of them made no report last year, and the failure to mention evening schools in other cases may have been due simply to oversight on the part of reporting officers; this is known to be true in one or two instances.

FALLING OFF OF ATTENDANCE AT EVENING SCHOOLS.

An attempt was made to secure for this Report whatever exact data was available in relation to falling off in attendance which is a source of complaint in so many cities. No better questions for this purpose suggested themselves than those which appear at the head of columns 14 and 15 in Table 17. Though the information obtained represents but a few cities, it clearly shows the grounds for the complaint. In Chicago 9,189 pupils were enrolled during the whole six months' term; 3,461 were present at the opening and only 1,297 at the closing session. The average number of evenings' attendance of each pupil enrolled was 40, which is equivalent to three complete changes of personnel during the term. In Paterson, N. J., all but 43 of the 1,993 pupils enrolled entered at the beginning of the term and at the end of three months only one-fifth of them remained. The average of each pupil's attendance in that city was twenty-one evenings or about one month. In Pawtucket, R. I., the schools were open five months and in that time practically three different sets of pupils were instructed, the average time of attendance of each pupil being twenty-eight evenings. At Milwaukee, Wis., 1,000 pupils were present at the opening and 1,488 came in as the term grew older, but the average daily attendance was only 886 and the number at the closing session was but 660.

Mr. Donald L. Morrill, supervisor of evening schools of Chicago, thinks it "not unreasonable to suppose that one-half the number enrolled can be kept in school for the greater part of the term," and urges that "no effort be spared to attain that result at least." Even this low standard has been reached by considerably less than half the cities from which both the enrollment and daily attendance are reported, and if Mr. Morrill's further assertion be true that it is safe to assume in general that the pupil who is interested enough to come to an evening school for a few weeks will remain for a longer time if he finds he is repaid for so doing, the statistics show a woful deficiency in the general quality of evening school instruction.

UNSATISFACTORY CONDITION OF EVENING SCHOOLS.

There is, in fact, very little that affords grounds for encouragement in the general system of evening school organization as it now prevails. The day schools demand and obtain all that is best of the teaching profession, and it is a matter of pure chance if a thoroughly efficient teacher is found without permanent employment and willing to accept the hard work, poor pay, and uncertain tenure of an evening school position. As it is not considered judicious to allow day teachers to assume the extra burden of night work (though it is occasionally done), the consequence is that the care usually exercised in the selection of teachers is almost invariably relaxed when instructors for evening schools are to be appointed. The work to be done is rarely systematically laid out, and even the length of the term of each school is generally a matter left to be settled by the measure of success it attains. With a teacher picked up at haphazard and an air of uncertainty about everything connected with the school its duration is naturally very short.

It is not surprising in view of these circumstances that there is a general indifference almost amounting to contempt on the part of the people toward evening schools, and a lack of confidence in the value of the instruction they give; nor is it strange that they are termed "educational luxuries that only wealthy cities can afford" by men who undoubtedly have the best interests of public education at heart.

The plain truth is that evening schools ought to be placed upon such a basis as will enable them to do creditable work or they ought to be abolished altogether.

The latter would be a very serious mistake. The possibilities for good that they present are so great that to abandon them would be nearly as bad as to continue them in a state of inefficiency.

But how to make them efficient, that is the question. Fortunately some of the cities have enjoyed a reasonable measure of success, and one of the best ways to improve defective systems is to examine the differences between the successful and the unsuccessful and adapt to the latter those features of the former which seem to have been the efficient causes of their success. With this in view the following suggestions are made, based upon the experience of cities at least moderately successful in the management of evening schools.

A MORE DEFINITE PLAN NEEDED.

The thing which seems to be most urgently needed and which is most frequently lacking is a well-defined course of study and the careful classification which it encourages or necessitates. It is but natural that one can work to better effect and take a greater interest in doing that work when the whole task is set before him. He understands exactly what he must do to complete it and he realizes that each day and each month brings him that much nearer the accomplishment of the end he desires to gain. Should he look back he sees that progress has been made, and the consciousness that past efforts have been fruitful spurs him on to greater efforts in mastering the portion that remains. This is one of the offices of the course of study in the schools. Without it an evening school lacks a stimulus far more effective than a "dollar deposit" or a compulsory statute, for it involves motives higher than avarice or mere physical obedience to law. A course of study is as necessary to a school as a chart is to a ship. It is just as reasonable to expect a sailor to stick to a vessel drifting here and there without a port in view or definite means of reaching one as to expect a pupil to continue in a school without a plan. No matter how eager a young man may be to "get an education," his enthusiasm is apt to be intermittent and his efforts irregular and spasmodic unless his vague eagerness for "an education" can be crystallized into a desire to accomplish a certain well-defined work which will give that measure of mental development which means to him "an education."

In 1888 a systematic course of instruction was introduced in all the Boston evening schools, and the benefits that have resulted justify all that has been said above, as the following paragraph from the last report of the committee on evening schools shows:

"These courses of study have proved of the greatest benefit to the schools. The increased interest shown by the pupils in having some definite work to do and some definite end to reach has been very marked. The classifications of the pupils rendered possible under the courses of study will assist to a very great degree toward the success of these schools.

"The course of study for the evening elementary schools provides for instruction in English language, arithmetic, bookkeeping, geography, history and civil government, physiology, and hygiene."

THE LENGTH OF THE EVENING-SCHOOL TERM.

The next serious defect in the evening-school system has already been incidentally mentioned, and relates to the shortness of the time for which they are annually in session. The fact that the term is too short to offer an inducement to capable teachers is an important consideration, but it is still more important that the time is not sufficient for the instruction to result in solid acquirement or lasting benefit to even the most earnest and faithful of the pupils.

In any school teachers must become acquainted with their charges, and pupils must grow accustomed to schoolroom discipline before substantial work can be done. This is particularly true of evening schools, for their pupils are as a rule unused to restraint and do not readily adapt themselves to conditions so entirely different from their life outside the schoolroom. The time thus occupied in bringing the school down to a working basis must be considered as virtually lost, so far as actual instruction is concerned, and by so much lessens the real length of the school term. Then, if this term covers but a few weeks as is generally the case, the time for closing comes when the more earnest pupils have just begun to acquire habits of effective study and to do satisfactory work; and the little good accomplished is dissipated and the ambition aroused in the pupils is lost during their long absence from school influences. All teachers know that even in day schools in the comparatively short summer vacation of two months much of the work of the previous ten months is lost and must be repeated after the reassembling of the children in the autumn. Then, prolong the "vacation" to nine months and shorten the school term to twelve weeks and the daily session to three hours, and how much of the benefits of one term would be apparent the next? If a ten months' term is no more than ordinary day schools require for good work why should other schools be expected to perform the same kind of work satisfactorily if they have

only one-third as much time? If it is important to keep day schools open almost continuously in order that the period of youth may be utilized to the fullest extent for education, is it not more important that persons approaching maturity without having enjoyed the advantages of early instruction should have the opportunity to secure the greatest possible amount of training while they are inclined to receive it and before time and circumstances effectually put an end to all hope of further schooling?

But, it may be said, pupils can not be induced to attend even for the short time, and it would be folly to keep the schools open longer, for there would be no pupils.

Such a fear is not founded on experience. On the contrary, the statistics prove it to be groundless. In San Francisco the schools were open 193 nights, or about 10 months, and the per cent. of attendance as compared with the total enrollment was larger or not materially less than in Chicago with 117 nights; St. Paul, 120 nights; Omaha, 90 nights; Paterson, 56 nights; New York, 90 nights; Pawtucket, 94 nights; Milwaukee, 57 nights. Furthermore, the attendance the first night was less than one hundred greater than that of the last night, and the average attendance for the term was nearly the same, indicating a singular uniformity in the size of the schools throughout the year. Smaller cities that maintained evening schools through practically the whole school year were Oakland, Cal., 191 evenings; San José, Cal., 180 evenings; Salem, Mass., 180 evenings; and Providence, R. I., 190 evenings. There is nothing in the statistics of these cities to indicate that they were without pupils during the fall and summer months.

This is not incomprehensible. It is only what may be reasonably expected in any city. It is natural that a promise of a course long enough to produce substantial results will attract a class of persons who would be less likely to attend a school, lasting only three months, in which they have little or no confidence. These persons, being earnest in their desire for improvement, form the mainstay of such a school and receive the lion's share of its benefits. Others may come in for a time for no good purpose, just as in schools with shorter sessions, but being scattered through a longer time they are rarely present in considerable numbers at one time, and hence form less of a disturbing element. For the same reason the size of the school varies less, a point of advantage not to be overlooked. It may also be urged as an objection against longer terms that evening schools are more expensive than other schools, and it would cost too much to maintain them throughout the full school year. There can be no doubt that evening schools open the full time would require more money than is at present spent upon them, but is it not better to apply a hundred dollars to an effective purpose than to waste ten dollars without result, which is practically what many cities are doing? High schools, too, cost more than elementary day schools, yet no one would propose to cut down the high-school term to four or five months, and abandon them to such teachers as could be obtained for that short time, simply because they are expensive. The fact is realized that high schools are necessary, and the outlay needed to keep them at a high point of efficiency is made without a question. So it should be with evening schools. If they are necessary, they should be supported on a basis more nearly approaching that of day schools; if they are not necessary, there is no excuse for their continuance.

PUBLIC KINDERGARTENS.

The ideal relation of the kindergarten to the public-school system is that all pupils may receive one or two years of pure, or nearly pure, kindergarten instruction before entering the lowest grade of the regular primary school. In other words, the first or receiving class in all the schools should be a kindergarten. This ideal condition has not been realized so far in any city, although that is the end toward which the efforts of the last few years tend.

TABLE 9.—*The large cities which have avowedly established the kindergarten system, though not necessarily to the extent of affording instruction to all who apply.*

| City. | Number of kindergartens. | Number of instructors. | Number of different pupils enrolled. |
|-----------------------|--------------------------|------------------------|--------------------------------------|
| Boston, Mass..... | 22 | 36 | (a) |
| St. Louis, Mo..... | 639 | 156 | 6,508 |
| Philadelphia, Pa..... | 38 | 48 | 4,706 |
| Milwaukee, Wis..... | 22 | 41 | 2,650 |

a The number belonging January, 1889, was 1,074.

b Nearly all of these have "a. m." and "p. m." sessions, thus instructing two different sets of pupils.

c Estimated.

TABLE 10.—*Cities which have established one or more kindergartens, mainly experimental.*
[Those marked * probably have facilities for all who apply.]

| City. | Number of kindergartens. | Number of instructors. | Number of different pupils enrolled. | City. | Number of kindergartens. | Number of instructors. | Number of different pupils enrolled. |
|-------------------------|--------------------------|------------------------|--------------------------------------|-----------------------------|--------------------------|------------------------|--------------------------------------|
| CALIFORNIA. | | | | MICHIGAN. | | | |
| Riverside..... | 1 | 1 | 144 | Detroit..... | | | |
| San José..... | 1 | 2 | 148 | Grand Rapids..... | 1 | 1 | 42 |
| CONNECTICUT. | | | | Muskegon*..... | 14 | 14 | 776 |
| Bristol..... | 1 | 1 | 30 | Ionia*..... | 3 | 3 | |
| Hartford..... | 2 | 2 | | NEW JERSEY. | | | |
| New Haven..... | 2 | 2 | 75 | Bayonne..... | | 5 | 436 |
| DAKOTA. | | | | Mount Holly..... | | 3 | 150 |
| Grand Forks..... | | 2 | | Passaic..... | 1 | 1 | 120 |
| GEORGIA. | | | | Paterson..... | | 6 | 590 |
| Augusta..... | 6 | 6 | 300 | NEW YORK. | | | |
| ILLINOIS. | | | | Buffalo..... | 1 | 1 | |
| Carlinville..... | 1 | 1 | 45 | Gloversville <i>b</i> | 4 | 4 | 319 |
| INDIANA. | | | | Johnstown..... | | 4 | 260 |
| La Porte..... | | 3 | 62 | Mt. Vernon..... | | 4 | |
| Richmond..... | 1 | 1 | 102 | Norwich..... | 1 | 1 | 15 |
| IOWA. | | | | Port Chester..... | | 2 | 82 |
| Des Moines (West*)..... | <i>a</i> 17 | | 379 | Rochester..... | 6 | c21 | 371 |
| Lyons..... | 1 | 1 | 70 | Sing Sing..... | | 3 | 188 |
| Marshalltown*..... | | 6 | 180 | OREGON. | | | |
| KANSAS. | | | | Salem..... | 1 | 1 | 105 |
| Emporia..... | | 6 | 500 | PENNSYLVANIA. | | | |
| Parsons..... | | 4 | 538 | Phoenixville..... | 1 | 1 | 72 |
| KENTUCKY. | | | | Warren..... | 1 | 1 | 73 |
| Dayton..... | 1 | 1 | 15 | RHODE ISLAND. | | | |
| MAINE. | | | | Newport..... | 2 | 4 | 146 |
| Lewiston..... | | 7 | 284 | Pawtucket..... | 1 | 1 | 81 |
| Portland..... | 1 | 1 | 49 | Providence..... | 1 | 2 | |
| MASSACHUSETTS. | | | | TEXAS. | | | |
| Brookline..... | 2 | 3 | 90 | El Paso <i>b</i> | 1 | 2 | 89 |
| Somerville..... | | 9 | 235 | WISCONSIN. | | | |
| | | | | Baraboo..... | 1 | 1 | 90 |
| | | | | Berlin..... | | 4 | 165 |
| | | | | Sheboygan..... | | 5 | 462 |

a Eight of these are volunteers, serving without pay.

b The time is not entirely devoted to kindergarten work.

c Six regular teachers and 15 assistants.

D.—THE TABLES OF COMPARATIVE STATISTICS.

The remarks upon page 768 relating to the uses and value of the summarized tables of comparative statistics apply with equal force to tables 20 and 21. They are to the individual cities what tables 12 and 13 are to sets of cities. Naturally in these tables appear anomalies more remarkable and inequalities more noticeable than are brought out in tables 12 and 13, for the peculiarities of single cities disappear to a great extent when they are merged or combined to make an aggregate with others which do not possess the same characteristics. These wide differences are indicative of the varied conditions under which the work of education in America is conducted. There are cities of all degrees of wealth, varying from the suburban settlement of mill operatives whose whole number of taxable dollars is only 581 times as great as the number of children to be provided for, to the elegant and fashionable home for a great city's wealthy men whose aggregated ownings would be sufficient to give every resident child of elementary school age the snug sum of \$27,206. There are cities that have set aside for purely educational purposes property worth more than 5 per cent. of the value of all the taxable property they contain and cities in which the schools fare less than one-tenth as well. There are cities which pay to teachers and supervisors over \$30 for each child in attendance, and others which pay less than \$5 for similar service. There are cities which provide accommodations for nearly twice as many pupils as there are children under fourteen, and others which provide seats for less than one-third the number that would ordinarily be expected to be in school.

With such differences in not only the provision for schools, but in the ability to provide for them, it is not to be expected that the quantity and quality of work will even approach uniformity, and the generalizer who declaims of the "universal excellence of the schools of the American cities" would do well to study the statistics and revise his opinion. Are those good schools in which less than half the pupils enrolled attend regularly? Can those systems lay any just claim to excellence in which the children remain in school on an average less than five months? Yet a glance through the table shows that such schools and such systems are by no means rare.

There is still a great deal of room for improvement. We have not yet reached the point of perfection.

TABLE 11.—Summary, by States, of population 6-14, enrollment, attendance, teachers, high schools, accommodations, school property, and cost of tuition in cities and villages containing over 4,000 inhabitants.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|---------------------------|------------------------------------------------------------------|------------------------|-------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------|----------------------------|----------------------------------------|--------------------------------------------------------|----------------------------------------------------------------|
| | | | | | | | | | | | | |
| State. | Number of cities and villages containing over 4,000 inhabitants. | Total population 6-14. | Number of pupils enrolled in private and parochial schools. | Number of pupils enrolled in public day schools. | Average daily attendance in public day schools. | Aggregate number of days' attendance of all pupils in public day schools. | Number of teachers, not including supervising officers. | Number of students enrolled in public high schools. | Number of school purposes. | Number of seats or sittings for study. | Value of all public property used for school purposes. | Expenditure for salaries of teachers and supervising officers. |
| The United States..... | 768 | 3,184,326 | 718,447 | 2,775,824 | 1,982,736.5 | 379,800,612 | 51,981 | 175,542 | 7,670 | 2,530,674 | \$170,640,879 | \$31,708,954 |
| Alabama..... | 9 | 24,161 | ..... | 11,973 | 8,953 | 1,535,817 | 205 | ..... | 35 | 9,135 | 349,407 | 90,613 |
| Arizona..... | 1 | 1,291 | ..... | 1,026 | 6,554 | 1,186,000 | 22 | ..... | ..... | ..... | 564,130 | 40,080 |
| Arkansas..... | 3 | 12,581 | 2,202 | 10,601 | 6,857 | 12,665,552 | 134 | ..... | 36 | 9,900 | 7,245,000 | 1,338,333 |
| California..... | 21 | 75,090 | 16,433 | 85,070 | 63,972 | 11,839,468 | 1,604 | ..... | 202 | ..... | 1,816,261 | 251,603 |
| Colorado..... | 5 | 12,859 | ..... | 11,515 | 11,515 | 7,438,333 | 293 | 688 | 48 | 14,394 | ..... | 68,600 |
| Connecticut..... | 19 | 40,981 | 11,027 | 57,139 | 38,182 | 7,470,571 | 1,165 | 3,371 | ..... | ..... | ..... | 49,732 |
| Dakota..... | 7 | 6,013 | ..... | 4,161 | 2,659 | 4,286,555 | 83 | 260 | 16 | 3,770 | 443,000 | 77,700 |
| Delaware..... | 2 | 10,434 | ..... | 9,557 | 6,588 | 4,986,012 | 177 | 302 | 28 | 8,412 | ..... | 47,110 |
| District of Columbia..... | 2 | 36,430 | 3,596 | 35,764 | 27,619 | 5,426,628 | 680 | 1,669 | 91 | 31,764 | ..... | 256,588 |
| Florida..... | 8 | 9,081 | ..... | 4,798 | 3,407 | 5,011,111 | 89 | ..... | ..... | 22,526 | 1,138,000 | ..... |
| Georgia..... | 11 | 36,615 | 5,510 | 26,612 | 22,163 | ..... | 477 | 1,291 | 58 | ..... | 120,000 | 2,204,211 |
| Idaho..... | 1 | 5,222 | ..... | 600 | ..... | 25,808,467 | 11 | ..... | 10 | 159,733 | 10,640,000 | 799,883 |
| Illinois..... | 50 | 202,924 | 74,533 | 179,535 | 131,467 | 10,165,000 | 3,323 | 7,809 | 358 | 64,850 | 3,602,500 | 637,000 |
| Indiana..... | 22 | 85,464 | 28,053 | 79,524 | 54,465 | 7,496,321 | 1,478 | 4,886 | 216 | 57,175 | 2,305,789 | 382,091 |
| Iowa..... | 84 | 53,848 | 11,046 | 56,252 | 40,643 | 5,275,000 | 1,195 | 3,761 | 195 | 39,309 | 1,922,500 | 456,600 |
| Kansas..... | 16 | 40,248 | 6,712 | 42,573 | 30,521 | 6,194,286 | 713 | 2,034 | 140 | 43,531 | ..... | 258,588 |
| Kentucky..... | 14 | 73,108 | 12,153 | 42,390 | 31,300 | 3,379,231 | 792 | 2,194 | 113 | 27,125 | 2,414,444 | 3,490,000 |
| Louisiana..... | 17 | 56,688 | ..... | 26,397 | ..... | ..... | 462 | ..... | ..... | 59,586 | 21,745,892 | 932,824 |
| Maine..... | 3 | 20,607 | 4,349 | 25,503 | 18,710 | ..... | 643 | 1,981 | 249 | ..... | ..... | ..... |
| Maryland..... | 12 | 69,040 | 17,450 | 51,425 | 35,741,614 | ..... | 1,228 | 1,299 | 114 | 233,859 | 5,286,250 | ..... |
| Massachusetts..... | 15 | 205,015 | 37,988 | 193,089.9 | 193,089.9 | 12,690,000 | 5,961 | 15,293 | 1,258 | 85,320 | ..... | ..... |
| Michigan..... | 43 | 99,314 | 26,781 | 94,962 | 65,043 | ..... | 1,819 | 6,427 | 274 | ..... | ..... | ..... |
| ..... | 37 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

^a The prevalence of yellow fever in Jacksonville and Fernandina prevented the organization of the schools in those cities and thus greatly reduced the total for the State.

TABLE 12.—Summary, by States, of comparative statistics of enrollment, attendance, teachers, and accommodations in schools of cities and villages containing over 4,000 inhabitants.

| 1 | State. | 2 | 3 | 4 | Ratio of aver- age daily at- tendance in public day schools to— | | 7 | 8 | 9 | 10 | Number of seats or sittings for study to each 100 of— | | High schools. | | |
|----|----------------------|---------|---------|---------|-----------------------------------------------------------------------------|-------------|-------|---------|---------|---------|----------------------------------------------------------------|--------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------|
| | | | | | Population 6-14. | Enrollment. | | | | | Population 6-14. | Average daily at- tendance. | Ratio of enrollment to total public school enrollment. | Proportion of graduates to total public school en- rollment. | Ratio of average daily at- tendance to enrollment. |
| | | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Days. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. |
| 1 | United States | 109.7 | 87.2 | 20.6 | 62.2 | 71.4 | 136.9 | 119.3 | 38.1 | 10.1 | 70.1 | 127.2 | 328.5 | 4.5 | 73.2 |
| 2 | Alabama | | 49.6 | | 37.1 | 74.8 | 171.5 | 63.6 | 43.7 | | 37.8 | 102.1 | 260.9 | | |
| 3 | Arizona | | | | | | | | | | | | | | |
| 4 | Arkansas | 101.8 | 84.3 | 17.2 | 54.3 | 64.5 | 111.9 | 94.3 | 44.4 | | 78.7 | 144.8 | 272.2 | | |
| 5 | California | 135.2 | 113.3 | 19.3 | 85.2 | 141.7 | 160.6 | 39.9 | 39.9 | | 112.0 | 125.0 | 300.0 | 3.8 | 77.5 |
| 6 | Colorado | 159.6 | 140.8 | 14.7 | 89.6 | 63.6 | 101.6 | 143.1 | 39.3 | 7.9 | | | | | 83.2 |
| 7 | Connecticut | 136.4 | 114.3 | 16.1 | 76.4 | 66.8 | 131.2 | 150.0 | 32.8 | 7.0 | | 90.8 | 235.6 | 6.1 | 81.2 |
| 8 | Dakota | | | 12.5 | 55.9 | 116.7 | | | 32.0 | | 76.9 | 127.7 | 300.4 | 3.2 | 82.2 |
| 9 | Delaware | | 87.4 | | 60.3 | 68.9 | 134.6 | 117.7 | 37.2 | 13.3 | 87.2 | 115.0 | 337.9 | 4.7 | |
| 10 | District of Columbia | 108.1 | 98.2 | 9.1 | 75.8 | 77.2 | 139.4 | 136.8 | 40.6 | | | | | | |
| 11 | Florida | | 52.8 | | 37.5 | 71.0 | 113.1 | 59.8 | 38.3 | | 61.5 | 101.7 | 388.4 | 4.9 | 87.4 |
| 12 | Georgia | 87.7 | 72.7 | 17.2 | 60.5 | 83.3 | 188.3 | 136.9 | 46.5 | 9.1 | | | | | |
| 13 | Idaho | | 115.0 | | | | | | | | | | | | |
| 14 | Illinois | 125.2 | 88.5 | 29.3 | 64.8 | 73.2 | 144.0 | 127.4 | 39.6 | 7.6 | 78.7 | 121.5 | 445.2 | 4.4 | 83.5 |
| 15 | Indiana | 125.9 | 93.0 | 23.1 | 63.7 | 68.5 | 127.8 | 116.2 | 36.9 | 13.2 | 75.9 | 119.1 | 300.2 | 6.1 | |
| 16 | Iowa | 125.0 | 104.5 | 16.4 | 75.5 | 72.3 | 133.3 | 139.3 | 34.0 | 9.3 | 106.2 | 140.7 | 293.0 | 6.7 | 77.0 |
| 17 | Kansas | 122.8 | 105.8 | 13.5 | 75.8 | 71.7 | 123.9 | 131.1 | 42.8 | 18.8 | 97.7 | 128.8 | 281.0 | 4.7 | 80.7 |
| 18 | Kentucky | 74.6 | 58.0 | 22.3 | 42.8 | 73.9 | 146.1 | 34.7 | 39.5 | | 59.5 | 139.1 | 383.2 | 5.2 | |
| 19 | Louisiana | | | | | | | | | | | | | | |
| 20 | Maine | 141.9 | 123.8 | 11.6 | 90.8 | 73.4 | 132.5 | 104.0 | 29.1 | | 131.6 | 144.9 | 108.9 | 7.1 | 88.6 |
| 21 | Maryland | 99.8 | 74.5 | 25.3 | 60.4 | 81.1 | | | 34.0 | 10.8 | 86.3 | 142.9 | 522.3 | 2.4 | 88.9 |
| 22 | Massachusetts | 129.8 | 111.2 | 14.3 | 91.1 | 84.7 | 156.8 | 174.3 | 38.1 | 13.1 | 114.1 | 121.1 | 185.9 | 6.7 | 80.1 |
| 23 | Michigan | 122.6 | 95.7 | 22.0 | 65.5 | 68.5 | 133.6 | 127.8 | 35.8 | 9.3 | 85.9 | 131.2 | 311.3 | 6.8 | 76.2 |
| 24 | Minnesota | | | 19.5 | 75.2 | 75.2 | 138.2 | | 29.7 | 10.6 | | 143.7 | 350.0 | 5.7 | 63.2 |
| 25 | Mississippi | 82.3 | 61.7 | 25.0 | 37.4 | 60.6 | 94.2 | 58.1 | 34.5 | | 61.2 | 103.6 | 421.8 | 2.3 | |
| 26 | Missouri | 114.5 | 84.3 | 26.4 | 60.8 | 72.2 | 124.6 | 105.0 | 41.9 | | 73.4 | 120.7 | 388.9 | 4.2 | 73.8 |

TABLE 13.—Summary, by States, of comparative statistics of property and expenditures of public schools in cities and villages containing over 4,000 inhabitants.

| | State. | Cash value of taxable property in city per capita of population 6-14. | Ratio of value of school property to total taxable property. | Value of school property per capita of— | | Cost of supervision and teaching per capita of— | | Cost of incidentals per capita of— | | Ratio of cost of tuition and incidentals to total cash value of property in city. | Average cost per day of tuition and incidentals for each pupil. |
|----|----------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|---------------------------|-------------------------------------------------|---------------------------|------------------------------------|---------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------|
| | | | | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | United States | \$4,714 | <i>Per. ct.</i> 1.19 | \$53.59 | \$86.10 | \$9.99 | \$16.05 | \$2.94 | \$4.69 | <i>Mills per dollar.</i> 2.84 | <i>Cents.</i> 10.9 |
| 1 | Alabama | | | 14.46 | 39.02 | 4.12 | 11.13 | 0.57 | 1.75 | 1.23 | 9.2 |
| 2 | Arizona | | | 44.84 | 82.52 | 7.16 | 13.18 | 1.53 | 2.81 | | 9.2 |
| 3 | Arkansas | | | 96.50 | 113.25 | 17.83 | 20.92 | 3.51 | 3.40 | | 14.6 |
| 4 | California | 9,933 | 1.30 | 141.27 | 157.70 | 19.57 | 21.85 | 18.62 | 12.56 | 3.66 | 25.4 |
| 5 | Colorado | | | 13.66 | 17.88 | 13.66 | 17.88 | | 5.54 | | |
| 6 | Connecticut | | | 8.27 | 18.71 | 8.27 | 18.71 | | | | |
| 7 | Dakota | | | 7.11 | 11.79 | 7.11 | 11.79 | | 5.26 | 3.17 | 8.7 |
| 8 | Delaware | | | 12.90 | 17.02 | 12.90 | 17.02 | | | | |
| 9 | District of Columbia | 5,236 | | | | | | | | | |
| 10 | Florida | | | 31.08 | 51.35 | 7.01 | 11.58 | 0.94 | 1.63 | | 6.3 |
| 11 | Georgia | 4,237 | | 229.89 | | | | | | | |
| 12 | Idaho | | | 52.44 | 80.94 | 10.86 | 16.76 | 3.55 | 5.57 | 2.87 | 11.7 |
| 13 | Illinois | 5,028 | 1.02 | 49.97 | 78.42 | 9.36 | 14.66 | | | | |
| 14 | Indiana | 3,958 | 1.26 | 66.91 | 88.66 | 11.83 | 15.75 | 4.54 | 6.21 | 3.74 | 11.7 |
| 15 | Iowa | 3,886 | 1.64 | 57.27 | 75.52 | 9.50 | 12.52 | 4.22 | 5.58 | 2.98 | 10.5 |
| 16 | Kansas | 4,546 | 1.44 | 26.30 | 61.43 | 6.25 | 14.59 | 1.52 | 3.54 | 3.78 | 9.2 |
| 17 | Kentucky | 2,053 | 1.28 | | | | | | | | |
| 18 | Louisiana | | | 59.59 | 65.70 | 12.55 | 13.82 | | | | |
| 19 | Maine | 6,220 | 0.98 | 34.98 | 57.49 | 9.09 | 14.94 | 2.61 | 3.40 | 2.36 | |
| 20 | Maryland | 4,728 | 0.76 | 106.02 | 110.05 | 16.87 | 17.92 | 4.36 | 4.61 | 2.62 | 12.5 |
| 21 | Massachusetts | 7,814 | 1.34 | 53.22 | 82.26 | 9.40 | 14.33 | 3.11 | 4.82 | 3.17 | 9.8 |
| 22 | Michigan | 3,723 | 1.42 | 51.21 | 140.93 | 8.14 | 22.41 | | 9.00 | 2.02 | 17.1 |
| 23 | Minnesota | | 0.94 | 20.64 | 55.16 | 4.90 | 13.10 | 0.71 | 2.86 | 3.14 | 9.1 |
| 24 | Mississippi | 1,726 | 1.02 | 46.33 | 76.15 | 8.33 | 13.69 | 4.23 | 5.93 | 2.60 | 11.6 |
| 25 | Missouri | 4,606 | 1.01 | | | | | | | | |
| 26 | Montana | | | 118.18 | 125.05 | 13.45 | 17.92 | 6.95 | 9.25 | 3.83 | 14.8 |
| 27 | Nebraska | 5,339 | 1.77 | 28.65 | 37.70 | 14.88 | 19.58 | 5.76 | 7.31 | 9.94 | 13.8 |
| 28 | Nevada | 2,059 | 1.34 | 81.80 | 158.45 | 8.58 | 16.63 | 4.78 | 6.40 | 3.20 | 13.5 |
| 29 | New Hampshire | 4,673 | 1.63 | 32.81 | 64.49 | 7.77 | 15.27 | 1.97 | 3.90 | | 9.3 |
| 30 | New Jersey | 3,178 | 0.99 | | | | | | | | |
| 31 | New Mexico | | | 53.75 | 83.94 | 10.99 | 17.18 | 2.48 | 3.88 | 2.82 | 11.9 |
| 32 | New York | 4,788 | 1.12 | 17.78 | 37.30 | | | | | | |
| 33 | North Carolina | | | 76.42 | 103.60 | 11.87 | 16.09 | 3.99 | 5.26 | | 10.5 |
| 34 | Ohio | 4,191 | 1.80 | 93.62 | 134.57 | 16.93 | 24.33 | 6.29 | 9.02 | 2.70 | 17.5 |
| 35 | Oregon | 8,606 | 1.09 | | 77.07 | | 13.04 | | 5.32 | 2.98 | 9.5 |
| 36 | Pennsylvania | | 1.23 | 61.66 | 92.04 | 11.44 | 17.08 | 2.95 | 4.41 | 2.13 | 11.2 |
| 37 | Rhode Island | 6,747 | 0.91 | 9.92 | 27.96 | 4.29 | 12.09 | | 1.77 | 1.99 | 8.0 |
| 38 | South Carolina | | 0.41 | 31.16 | 57.48 | 6.67 | 12.30 | 1.32 | 2.45 | 1.73 | 8.3 |
| 39 | Tennessee | | | 2.65 | 66.16 | 5.71 | 16.69 | 1.03 | 3.00 | 3.00 | 11.1 |
| 40 | Texas | 2,410 | 1.02 | 24.26 | 37.81 | 4.69 | 7.15 | | | | |
| 41 | Utah | | | 53.10 | 94.76 | 8.87 | 15.83 | | 7.95 | | 12.8 |
| 42 | Vermont | | | 23.78 | 36.89 | 6.90 | 10.71 | 1.31 | 2.07 | | 6.9 |
| 43 | Virginia | | | 133.30 | 209.58 | 10.31 | 16.21 | 4.46 | 6.75 | 1.62 | |
| 44 | Washington | 10,598 | 1.26 | 45.83 | 61.61 | 9.04 | 12.16 | 2.92 | 3.92 | 3.13 | 8.3 |
| 45 | West Virginia | 3,712 | 1.24 | 41.72 | 64.11 | 8.99 | 13.82 | 2.62 | 4.05 | 3.78 | 9.7 |
| 46 | Wisconsin | 3,102 | 1.34 | | | | | | | | |
| 47 | Wyoming | | 1.31 | 83.26 | 127.03 | 17.47 | 30.61 | | | | |

TABLE 14.—Statistics for 1888-89 of population, and school enrollment and attendance in cities and villages containing over 4,000 inhabitants.

| City. | Total population (estimated) in 1888. | Population 4-21. | Population 6-14. | School-census age. | Number of children of school-census age. | | | Estimated number of pupils in private and parochial schools who did not attend the public schools during the year. | Number of different pu- pils enrolled in all public day schools. | | | | Average daily attend- ance in public day schools. | | | Number of days public schools were actually taught. | Total attendance in days of all pupils in public day schools. |
|----------------------|------------------------------------------|------------------|------------------|--------------------|---------------------------------------------|---------|--------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------|--------|----------|---------------------------------------------------------|---------|------|--------------------------------------------------------|------------------------------------------------------------------|
| | | | | | Male. | Female. | Total. | | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| | | | | | | | | | | | | | | | | | |
| ALABAMA. | | | | | | | | | | | | | | | | | |
| 1 Birmingham | 50,000 | 13,118 | 6,687 | 7-21 | 5,477 | 4,577 | 10,054 | 500 | 1,332 | 1,539 | 2,871 | 743 | 890 | 1,638 | 178 | 291,564 | |
| 2 Pafaula* | 4,000 | 1,586 | 808 | 7-21 | 567 | 648 | 1,215 | 300 | (346) | (346) | 346 | (223) | (223) | 223 | 2181 | 39,473 | |
| 3 Huntsville..... | 6,200 | 2,464 | 1,256 | 7-21 | 638 | (1,888) | 1,888 | ..... | (559) | (559) | 559 | (410) | (410) | 410 | 160 | 65,600 | |
| 4 Lively* | 3,500 | 1,689 | 861 | 7-21 | 638 | 656 | 1,294 | 100 | (250) | (250) | 250 | (204) | (204) | 204 | 120 | 24,480 | |
| 5 Mobile* | 40,000 | 15,664 | 7,981 | 7-21 | (12,000) | ..... | 12,000 | ..... | (64,896) | (64,896) | 64,896 | 1,850 | 2,190 | 4,080 | 176 | 718,080 | |
| 6 Montgomery | 25,000 | 4,791 | 2,411 | 7-21 | (13,670) | ..... | 13,670 | ..... | (1,535) | (1,535) | 1,535 | (c1,326) | (c1,326) | 1,326 | 165 | 218,790 | |
| 7 Selma* | 10,000 | 3,232 | 1,647 | 7-21 | 1,098 | 1,378 | 2,476 | ..... | 392 | 499 | 891 | (631) | (631) | 631 | 170 | 107,270 | |
| 8 Tuscaloosa..... | 6,000 | 2,527 | 1,285 | 7-21 | 931 | 1,003 | 1,936 | 250 | 394 | 231 | 625 | c234 | c207 | c441 | 160 | 670,560 | |
| ARIZONA. | | | | | | | | | | | | | | | | | |
| 9 Tucson* | 10,000 | ..... | ..... | 6-18 | 4450 | 4350 | 8800 | 150 | 305 | 223 | 528 | (285) | (285) | 285 | 180 | 51,191.5 | |
| ARKANSAS. | | | | | | | | | | | | | | | | | |
| 10 Fort Smith | 18,000 | 3,255 | 1,718 | 6-21 | 1,270 | 1,457 | 2,727 | 500 | 912 | 1,063 | 1,975 | (1,143) | (1,143) | 1,143 | 167 | 190,881 | |
| 11 Helena* | 5,000 | 1,969 | 1,040 | 6-21 | 800 | 850 | 1,650 | 150 | 233 | 288 | 521 | 124.4 | 162.6 | 287 | 167 | 47,929 | |
| 12 Little Rock..... | 28,500 | 9,450 | 4,989 | 6-21 | 3,919 | 4,000 | 7,919 | 625 | 1,799 | 2,010 | 3,809 | 1,136.7 | 1,302 | 2,438.7 | 176 | 435,211.2 | |
| 13 Pine Bluff* | 14,000 | 2,920 | 1,542 | 6-21 | 1,185 | 1,262 | 2,447 | 500 | 747 | 956 | 1,703 | 417 | 511 | 928 | 180 | 167,240 | |
| 14 Texarkana* | 7,000 | 1,339 | 698 | 6-16 | 397 | 423 | 820 | 31 | 311 | 330 | 701 | 288 | 340 | 628 | 160 | 100,480 | |
| CALIFORNIA. | | | | | | | | | | | | | | | | | |
| 15 Chico | 5,500 | 1,478 | 698 | 5-17 | 510 | 515 | 1,025 | 52 | 435 | 471 | 906 | (645) | (645) | 645 | 180 | 116,100 | |
| 16 Eureka..... | 10,000 | 1,977 | 920 | 5-17 | 829 | 858 | 1,687 | 150 | 620 | 616 | 1,236 | (876.9) | (876.9) | 876.9 | 190 | 156,960 | |
| 17 Los Angeles | 75,000 | 12,355 | 5,817 | 6-21 | 5,274 | 5,512 | 10,786 | 1,529 | 4,093 | 4,055 | 8,128 | (5,764) | (5,764) | 5,764 | 170 | 979,880 | |
| 18 Marysville..... | 6,000 | 1,318 | 622 | 5-17 | 428 | 486 | 914 | 224 | (406) | (406) | 405 | (340) | (340) | 340 | 167 | 56,780 | |

| | | | | | | | | | | | | | | | | | |
|--------------|---------------------------|---------|--------|--------|------|----------|--------|--------|-------|----------|--------|--------|-----------|---------|---------|------|-----------|
| 19 | Oakland..... | 50,000 | 16,427 | 7,754 | 5-17 | 5,788 | 5,598 | 11,386 | 2,013 | 4,119 | 4,072 | 8,191 | 3,116 | 3,000 | 6,116 | 191 | 1,168,156 |
| 20 | Pasadena..... | 8,000 | 2,561 | 1,180 | 5-17 | (1,734) | | 1,734 | 300 | 611 | 608 | 1,219 | | | 1,075 | 170 | 182,420 |
| 21 | Riverside..... | 6,000 | | | | | | | 0 | 2,005 | 254 | 4,565 | 24 | (1,076) | 511 | 170 | 86,870 |
| 22 | Sacramento..... | 28,000 | 8,935 | 4,217 | 5-17 | 3,108 | 3,085 | 6,193 | 1,000 | 2,005 | 254 | 4,565 | 24 | (1,076) | 511 | 170 | 86,870 |
| 23 | San Francisco..... | 300,000 | 86,152 | 40,664 | 5-17 | 29,862 | 29,862 | 59,713 | 8,233 | 19,365 | 19,774 | 39,160 | 15,028 | 13,267 | 2,788 | 196 | 591,644 |
| 24 | San José..... | 17,000 | 6,679 | 3,152 | 5-17 | 2,191 | 2,438 | 4,629 | 692 | 1,618 | 1,542 | 3,160 | 459 | (2,147) | 2,147 | 200 | 5,797,544 |
| 25 | Santa Cruz..... | 7,500 | 2,183 | 1,030 | 5-17 | 688 | 825 | 1,513 | 273 | 647 | 668 | 1,315 | 647 | | 930 | 188 | 174,672 |
| 26 | Santa Rosa..... | 6,000 | c2,179 | e1,028 | 5-17 | c762 | c743 | e1,510 | 200 | 604 | 586 | 1,190 | (764.1) | | 764.1 | 187 | 142,850.5 |
| 27 | Vallejo..... | 6,000 | 2,151 | 1,015 | 5-17 | 744 | 744 | 1,491 | 261 | 676 | 421 | 1,097 | 504 | 442 | 946 | 187 | 154,218 |
| 28 | Woodland..... | 4,000 | 1,453 | 686 | 5-17 | 497 | 510 | 1,007 | 125 | 372 | 365 | 737 | (558) | | 558 | 171 | 95,484 |
| COLORADO. | | | | | | | | | | | | | | | | | |
| 29 | Aspen..... | 5,000 | 611 | 284 | 6-21 | 284 | 237 | 521 | 50 | 359 | 359 | 718 | 196 | 194 | 390 | 169 | 65,918 |
| 30 | Colorado Springs..... | 10,000 | 2,266 | 1,052 | 6-16 | 623 | 621 | 1,244 | 50 | 647 | 665 | 1,312 | 409.3 | 448.5 | 857.8 | 185 | 158,633 |
| 31 | Denver (Dist. No. 1)..... | 15,000 | 2,182 | 1,016 | 6-21 | 937 | 925 | 1,862 | 450 | 603 | 572 | 1,175 | 386 | 360 | 746 | 156 | 116,429 |
| 32 | Leadville..... | 15,000 | e1,585 | e738 | 6-21 | c695 | c658 | e1,533 | | 629 | 657 | 1,286 | 277.5 | 351.1 | 628.2 | 183 | 115,050 |
| CONNECTICUT. | | | | | | | | | | | | | | | | | |
| 34 | Bridgeport..... | 47,752 | 15,417 | 7,237 | 4-16 | (10,880) | | 10,880 | | (7,571) | | 7,571 | (5,403.4) | | 5,403.4 | | |
| 35 | Bristol..... | 8,000 | e1,872 | c879 | 4-16 | (e1,321) | | e1,321 | 0 | (1,200) | | 1,200 | (1,075) | | 1,075 | 192 | 296,400 |
| 36 | Hartford..... | 50,000 | 14,149 | 6,640 | 4-16 | (9,984) | | 9,984 | c400 | (7,867) | | 7,867 | (5,036) | | c5,036 | 192 | d467,012 |
| 37 | Meriden..... | 20,000 | 7,907 | 3,711 | 4-16 | (5,580) | | 5,580 | 1,200 | (4,188) | | 4,188 | (2,664) | | 2,664 | 198 | 527,472 |
| 38 | Middletown..... | 5,500 | 2,910 | 1,033 | 4-16 | (1,560) | | 1,560 | c500 | (956) | | 956 | (730.1) | | 730.1 | | d138,719 |
| 39 | New Britain..... | 20,000 | 5,734 | 2,720 | 4-16 | (4,089) | | 4,089 | 1,000 | (2,115) | | 2,115 | (1,561) | | 1,561 | 185 | 288,755 |
| 40 | New Haven..... | 81,987 | 29,702 | 12,064 | 4-16 | (18,133) | | 18,133 | 1,941 | (14,471) | | 14,471 | (10,689) | | 10,689 | 190 | 2,696,964 |
| 41 | New London..... | 9,900 | 3,600 | 1,716 | 4-16 | (2,853) | | 2,853 | 108 | (2,317) | | 2,317 | (1,610) | | 1,610 | e196 | d315,560 |
| 42 | Norwich..... | 5,500 | 2,145 | 1,074 | 4-16 | (1,514) | | 1,514 | 400 | (1,142) | | 1,142 | (870) | | 870 | 194 | 168,780 |
| 43 | Rockville..... | 10,000 | 2,621 | 1,230 | 4-16 | (1,850) | | 1,850 | 416 | (1,790) | | 1,790 | (976.9) | | 976.9 | 180 | 173,812 |
| 44 | South Norwalk..... | 5,500 | | | 4-16 | | | | 50 | 595 | 507 | 1,012 | (788) | | 788 | 200 | 197,600 |
| 45 | Stamford..... | 11,000 | 4,048 | 1,900 | 4-16 | (1,438) | 1,419 | 2,857 | 531 | (2,027) | | 2,027 | (1,284) | | 1,284 | 199 | 253,516 |
| 46 | Thompsonville..... | 4,500 | 1,623 | 762 | 4-16 | (1,145) | | 1,145 | | (614) | | 614 | (466.5) | | 466.5 | 180 | 83,956.8 |
| 47 | Williamantic..... | 9,000 | 3,867 | 1,814 | 8-16 | (1,766) | | 1,766 | 600 | (792) | | 792 | (511.6) | | 511.6 | 200 | 102,200 |
| DAKOTA. | | | | | | | | | | | | | | | | | |
| 48 | Deadwood..... | 4,000 | | | 7-21 | | | | 25 | 125 | 75 | 200 | 110 | 65 | 175 | 200 | 35,000 |
| 49 | Fargo*..... | 8,201 | 1,798 | 890 | 7-20 | (1,443) | | 1,243 | 70 | 597 | 567 | 1,164 | | | | 180 | |
| 50 | Grand Forks..... | 7,000 | 1,872 | 932 | 7-20 | 627 | 674 | 1,301 | 250 | 401 | 426 | 827 | 221 | 237 | 458 | 175 | 80,949 |
| 51 | Sioux Falls..... | 10,000 | 2,999 | 1,045 | 7-20 | (1,459) | | 1,459 | 150 | 656 | 645 | 1,301 | (789) | | 789 | 176 | 138,864 |
| 52 | Yankton..... | 4,000 | | | | | | | 100 | 327 | 342 | 669 | (493) | | 493 | 166 | 81,838 |
| DELAWARE. | | | | | | | | | | | | | | | | | |
| 53 | New Castle..... | 4,000 | 1,132 | 537 | 6-21 | 483 | 509 | 992 | 40 | 272 | 291 | 563 | 167.3 | 188.3 | 355.6 | 200 | 71,120 |
| 54 | Wilmington..... | 57,000 | | | | | | | | (8,994) | | 8,994 | (6,283) | | 6,283 | 195 | 1,215,455 |

d Estimated.

c In 1887-88.

b Number enrolled in 1888-89.

a Colored schools were taught 202 days.

*Statistics of 1887-88.

e This report covers the five central school districts only.

TABLE 14.—Statistics for 1888-89 of population, and school enrollment and attendance in cities and villages containing over 4,000 inhabitants—Continued.

| City. | Total population (estimated) in 1888. | Population 4-21. | Population 6-14. | School-census age. | Number of children of school-census age. | | | Estimated number of pupils in private and parochial schools who did not attend the public schools during the year. | | | Number of different pupils enrolled in all public day schools. | | | Averages daily attendance in public day schools. | | | Number of days public schools were actually taught. | Total attendance in public day schools. |
|---------------------------|----------------------------------------|------------------|------------------|--------------------|------------------------------------------|----------|----------|--------------------------------------------------------------------------------------------------------------------|-----------|-----------|----------------------------------------------------------------|-----------|-----------|--------------------------------------------------|-----------|-----------|-----------------------------------------------------|-----------------------------------------|
| | | | | | Male. | Female. | Total. | | | | Male. | Female. | Total. | Male. | Female. | Total. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | |
| DIST. OF COLUMBIA. | | | | | | | | | | | | | | | | | | |
| 55 | Washington (white schools principally) | 48,033 | 23,561 | 6-18 | 16,431 | 16,869 | 33,300 | 3,119 | 11,801 | 12,793 | 24,594 | 9,134 | 9,888 | 19,022 | 182 | 3,462,061 | | |
| 56 | Washington (colored schools). | 218,157 | 12,879 | 6-18 | 8,918 | 9,282 | 18,200 | 477 | 4,758 | 6,412 | 11,170 | 3,662 | 4,935 | 8,597 | 179 | 1,524,003 | | |
| FLORIDA. | | | | | | | | | | | | | | | | | | |
| 57 | Palatka..... | 4,000 | | 6-21 | | | | 50 | 234 | 225 | 459 | (325) | | 325 | 132 | 42,920 | | |
| 58 | Pensacola..... | 14,000 | | 6-21 | 1,428 | 1,411 | 2,839 | 280 | 632 | 732 | 1,414 | (1,047) | | 1,047 | 166 | 173,802 | | |
| 59 | Tampa..... | 8,000 | | 6-21 | | | | 100 | 260 | 250 | 510 | (320) | | 320 | 165 | 52,800 | | |
| GEORGIA. | | | | | | | | | | | | | | | | | | |
| 60 | Americus..... | 7,000 | 948 | 6-18 | (1,276) | | 1,276 | 20 | 471 | 554 | 1,025 | (892) | | 892 | 190 | 169,480 | | |
| 61 | Athens..... | 10,000 | 3,306 | 6-18 | 1,119 | 1,207 | 2,326 | 200 | 640 | 678 | 1,318 | (802.8) | | 802.8 | 174 | 150,135 | | |
| 62 | Atlanta..... | 65,000 | 18,185 | 6-18 | 6,068 | 6,726 | 12,794 | 1,000 | 3,456 | 3,890 | 7,346 | 3,120 | 3,460 | 6,580 | 188 | 1,318,840 | | |
| 63 | Augusta..... | 40,000 | 13,753 | 6-18 | (9,460) | | 9,460 | 1,000 | 1,900 | 1,725 | 3,625 | 1,500 | 1,450 | 2,950 | 6174 | 6506,300 | | |
| 64 | Columbus..... | 15,000 | 5,870 | 6-18 | 1,930 | 2,200 | 4,130 | | 1,014 | 1,224 | 2,238 | 712 | 976 | 1,688 | 194 | 327,472 | | |
| 65 | Griffin *..... | 4,000 | 1,569 | 6-18 | (1,104) | | 1,104 | | 179 | 225 | 404 | (376) | | 275 | (c) | 671,440 | | |
| 66 | Macon *..... | 20,000 | 6,355 | 6-18 | (4,576) | | 4,576 | 900 | 851 | 956 | 1,807 | (1,448) | | 1,448 | 186 | 269,328 | | |
| 67 | Rome *..... | 5,500 | 2,095 | 6-18 | (1,474) | | 1,474 | | 315 | 442 | 757 | (626) | | 625 | (d) | 6106,423 | | |
| 68 | Savannah..... | 65,000 | 21,591 | 6-18 | 23,829 | 24,326 | 48,155 | 1,000 | 2,854 | 3,023 | 5,877 | 2,595 | 2,296 | 4,891 | 180 | 880,380 | | |
| IDAHO. | | | | | | | | | | | | | | | | | | |
| 69 | Boisé City..... | | | 5-21 | (5800) | | 5800 | | (6550) | | 6650 | | | | (d) | | | |

| ILLINOIS. | | | | | | | | | | | | | | | | | | | |
|-----------|------------------------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|-----------|---------|-------|------------|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | |
| 70 | Aurora * | 14,500 | 4,810 | 2,319 | 2,022 | 2,146 | 4,168 | 575 | 1,187 | 1,167 | 2,354 | (1,705.5) | 1,705.5 | 193 | 329,354.5 | | | | |
| 71 | Beardstown | 4,158 | 1,473 | 719 | 613 | 663 | 1,276 | 120 | 1,290 | 385 | 735 | 315 | 661 | 197 | 125,490 | | | | |
| 72 | Belleville | 16,500 | 5,760 | 2,813 | 2,459 | 2,532 | 4,991 | 750 | 1,296 | 1,144 | 2,440 | (2,051.7) | 2,051.7 | 190 | 406,157 | | | | |
| 73 | Belvidere | 6,900 | 1,449 | 708 | 584 | 671 | 6,085 | 65 | 1,352 | 427 | 3,347 | (2,572) | 2,572 | 176 | 452,672 | | | | |
| 74 | Bloomington | 23,000 | 7,715 | 3,767 | 685 | | | | 1,654 | 1,633 | | | | | | | | | |
| 75 | Braidwood | 5,569 | | | | | | | | | | | | | | | | | |
| 76 | Calad | 14,000 | 4,101 | 2,003 | 1,729 | 1,824 | 3,553 | 525 | 729 | 778 | 1,507 | 634.2 | 1,203.6 | 162 | 210,373.2 | | | | |
| 77 | Carlinville | 5,512 | 2,187 | 1,093 | 591 | 904 | 1,895 | 0 | 510 | 552 | 1,062 | (766) | 766 | 180 | 137,880 | | | | |
| 78 | Centerville | 5,000 | 1,252 | 612 | 675 | 551 | 1,085 | 225 | 325 | 550 | 1,075 | 300 | 625 | 181 | 113,125 | | | | |
| 79 | Centralia | 4,952 | 1,903 | 987 | 877 | 838 | 1,715 | 56 | 527 | 484 | 1,011 | 382 | 761 | 164 | 124,855 | | | | |
| 80 | Champaign | 4,000 | 997 | | | | | | | | 775 | (599) | 599 | | | | | | |
| 81 | Chicago | 892,551 | 112,500 | 100,505 | 99,126 | 99,126 | 199,631 | 51,000 | 47,102 | 47,718 | 94,820 | (70,459) | 70,459 | 195 | 13,846,070 | | | | |
| 82 | Danville * | 11,435 | 4,897 | 2,391 | 2,262 | 1,981 | 4,243 | | 1,230 | 1,296 | 2,466 | (1,769) | 1,769 | 195 | 344,655 | | | | |
| 83 | Decatur | 17,000 | 5,325 | 2,605 | 2,272 | 2,350 | 4,622 | 400 | 1,443 | 1,493 | 2,936 | 1,104.8 | 1,556.8 | 180 | 407,088 | | | | |
| 84 | Effingham * | 4,500 | 1,777 | 868 | 600 | 940 | 1,540 | 350 | 240 | 325 | 565 | 250 | | 290 | 40,000 | | | | |
| 85 | Elgin * | 15,000 | 4,230 | 2,066 | 1,807 | 1,858 | 3,665 | 635 | 1,114 | 1,102 | 2,216 | (1,698) | 1,698 | 190 | 316,920 | | | | |
| 86 | Evanson | 6,231 | 1,296 | 633 | 572 | 551 | 1,123 | 200 | 786 | 895 | 1,611 | (1,235) | 1,235 | 191 | 145,853.5 | | | | |
| 87 | Freeport | 10,000 | 3,722 | 1,817 | 1,541 | 1,683 | 3,224 | 519 | 786 | 895 | 1,611 | 331 | 946 | 194 | 242,160 | | | | |
| 88 | Galena | 7,000 | 2,351 | 1,148 | 975 | 1,062 | 2,037 | 440 | 1,083 | 413 | 2,133 | (1,564) | 1,564 | 171 | 125,324 | | | | |
| 89 | Galesburg | 15,000 | 65,576 | 62,722 | 62,273 | 62,558 | 64,831 | 900 | 1,068 | 1,065 | 2,133 | | | | 272,136 | | | | |
| 90 | Genseo | 5,000 | | | | | | | | | | | | | | | | | |
| 91 | Jacksonville | 13,000 | 4,082 | 1,993 | (3,537) | 3,537 | 3,537 | 600 | 732 | 832 | 1,574 | (1,450.5) | 1,450.5 | 179 | 628,189 | | | | |
| 92 | Joliet | 29,000 | 8,753 | 4,275 | 3,690 | 3,893 | 7,383 | 900 | 1,526 | 1,604 | 3,130 | 1,091 | 2,264 | 157 | 416,008 | | | | |
| 93 | Kankakee | 8,000 | 2,103 | 1,511 | 1,130 | 1,552 | 2,682 | 500 | 614 | 553 | 1,167 | 409 | 379 | 182 | 151,391 | | | | |
| 94 | La Salle * | 17,034 | 5,217 | 2,547 | 2,360 | 2,160 | 4,520 | 633 | 423 | 467 | 890 | 342.5 | 390 | 200 | 146,500 | | | | |
| 95 | Lincoln | 7,500 | 3,322 | 1,622 | 1,261 | 1,617 | 2,878 | 400 | 500 | 675 | 1,175 | 490 | 535 | 193 | 197,815 | | | | |
| 96 | Litchfield | 6,500 | 2,266 | 1,101 | 947 | 1,006 | 1,953 | 210 | 583 | 614 | 1,197 | 377 | 428 | 170 | 136,521 | | | | |
| 97 | Mendota | 4,500 | 1,634 | 800 | 702 | 717 | 1,419 | 228 | 713 | 614 | 1,331 | 411 | 436 | 188 | 159,521 | | | | |
| 98 | Monroe | 11,168 | 3,908 | 1,969 | 1,683 | 1,703 | 3,386 | 400 | 985 | 1,062 | 2,047 | (1,571.3) | 1,571.3 | 176 | 294,228.8 | | | | |
| 99 | Monmouth * | 6,000 | 1,562 | 769 | 660 | 705 | 1,365 | 0 | 490 | 563 | 1,053 | 455 | 528 | | 159,927 | | | | |
| 100 | Oney | 4,000 | 1,575 | 769 | 618 | 717 | 1,355 | 20 | 529 | 594 | 1,114 | 374.1 | 437.8 | 179 | 145,330 | | | | |
| 101 | Ottawa | 10,000 | 3,712 | 1,812 | 1,631 | 1,585 | 3,216 | 277 | 839 | 751 | 1,590 | (1,236.6) | 1,236.6 | 195 | 234,200 | | | | |
| 102 | Paris | 5,000 | 61,538 | 6751 | 6654 | 6669 | 61,333 | 60 | 519 | 525 | 1,044 | (704.2) | 704.2 | 182 | 138,164 | | | | |
| 103 | Pekin * | 9,000 | 4,639 | 2,163 | 1,065 | 1,098 | 2,163 | | 568 | 587 | 1,155 | 447.5 | 453 | 175 | 159,324 | | | | |
| 104 | Peoria | 45,000 | 14,473 | 7,068 | 6,356 | 6,184 | 12,510 | 1,500 | 3,377 | 3,627 | 7,004 | 2,125 | 2,829 | 195 | 970,954 | | | | |
| 105 | Peru | 7,000 | | | | | | 6350 | | 357 | 771 | | | 194 | | | | | |
| 106 | Pullman | 9,000 | | | | | | | 621 | 679 | 1,300 | 349 | 451 | | 155,659 | | | | |
| 107 | Quincy | 32,000 | 11,050 | 5,616 | 4,832 | 5,130 | 9,962 | 2,200 | 1,969 | 1,989 | 3,938 | 1,385 | 2,963 | 195 | 577,585 | | | | |
| 108 | Rock Island | 12,200 | 4,733 | 2,311 | 2,107 | 1,999 | 4,101 | | 1,068 | 1,092 | 2,108 | 870 | 879 | 176 | 317,824 | | | | |
| 109 | Rockford | 22,535 | 7,787 | 3,803 | 3,054 | 3,693 | 6,747 | 449 | 1,711 | 1,813 | 3,524 | 1,209 | 1,293 | 194 | 485,358 | | | | |
| 110 | Springfield | 24,394 | 8,962 | 4,230 | 3,054 | (7,503) | 7,503 | 1,200 | 1,718 | 1,753 | 5,471 | (2,673.6) | 2,673.6 | 300 | 534,730 | | | | |
| 111 | Sterling (Dist. No. 3) | 6,000 | 967 | 472 | 411 | 427 | 7,838 | 50 | 302 | 348 | 650 | 250.7 | 281 | 185.5 | 98,630 | | | | |
| 112 | Streator | 15,000 | 6,110 | 2,983 | 2,064 | 3,229 | 5,293 | 390 | 1,182 | 1,308 | 2,490 | (1,815.4) | 1,815.4 | 197 | 352,640 | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 113 | Anderson | 6,000 | 1,662 | 817 | 710 | 710 | 1,450 | 150 | 437 | 453 | 800 | 330 | 332 | 177 | 117,437 | | | | |
| 114 | Aurora | 4,500 | 1,831 | 901 | 750 | 850 | 1,600 | 400 | 340 | 410 | 750 | (675) | 675 | 180 | 121,500 | | | | |

* Statistics of 1887-88.

b Estimated.

c Length of school term, 10 months.

d Length of school term, 9 months.

INDIANA.

TABLE 14.—Statistics for 1888-89 of population, and school enrollment and attendance in cities and villages containing over 4,000 inhabitants—Continued.

| City. | Total population (estimated) in 1888. | 3 | 4 | 5 | Number of children of school census age. | | | Estimated number of pupils in private and parochial schools who did not attend the public schools during the year. | Number of different pupils enrolled in all public day schools. | | | | Average daily attendance in public day schools. | | | Number of days public schools were actually taught. | Total attendance in days of all pupils in public day schools. |
|---------------------------|---------------------------------------|--------|--------|------|------------------------------------------|---------|--------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------|--------|------------|-------------------------------------------------|----------|-------|-----------------------------------------------------|---------------------------------------------------------------|
| | | | | | Male. | Female. | Total. | | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| | | | | | | | | | | | | | | | | | |
| INDIANA—continued. | | | | | | | | | | | | | | | | | |
| 115 Brazil..... | 7,600 | 2,177 | 1,070 | 6-21 | (1,899) | 875 | 1,899 | 100 | 583 | 655 | 1,233 | 652 | 810 | 810 | 180 | 145,800 | |
| 116 Columbus..... | 8,000 | 2,445 | 1,202 | 6-21 | (2,133) | 1,194 | 2,133 | 300 | 681 | 673 | 1,354 | 433 | 509 | 942 | 178 | 6191,674 | |
| 117 Crawfordsville *..... | 8,000 | 2,710 | 1,332 | 6-21 | 1,577 | 1,170 | 2,364 | 250 | 590 | 579 | 1,269 | 433 | 509 | 942 | 180 | 169,560 | |
| 118 Elkhart..... | 12,000 | 3,610 | 1,774 | 6-21 | 1,577 | 1,572 | 3,149 | 250 | 3,237 | 3,044 | 2,101 | 433 | 509 | 942 | 190 | 312,045 | |
| 119 Evansville..... | 41,000 | 18,853 | 9,266 | 6-21 | 7,977 | 8,471 | 16,448 | 1,350 | 3,237 | 3,193 | 6,435 | 2,987 | 4,979 | 4,979 | 192.5 | 958,457.5 | |
| 120 Fort Wayne..... | 34,836 | 11,231 | 5,520 | 6-21 | 4,769 | 4,999 | 9,798 | 3,600 | 1,964 | 2,078 | 4,042 | 2,987 | 4,979 | 4,979 | 185 | 582,465 | |
| 121 Frankfort..... | 7,000 | 2,040 | 1,063 | 6-21 | (1,750) | 875 | 1,786 | 100 | 569 | 677 | 1,246 | 397.6 | 498.4 | 896 | 175 | 161,000 | |
| 122 Goshen..... | 7,000 | 2,047 | 1,067 | 6-21 | 911 | 875 | 1,786 | 100 | 617 | 617 | 1,237 | 448 | 472 | 920 | 175 | 161,000 | |
| 123 Greencastle..... | 5,000 | 2,128 | 1,046 | 6-21 | 1,057 | 990 | 2,047 | 225 | 416 | 410 | 826 | (646.4) | 472 | 646.4 | 176 | 113,765.4 | |
| 124 Indianapolis..... | 120,000 | 50,821 | 25,634 | 6-21 | 22,404 | 22,637 | 45,041 | 10,865 | 10,865 | 12,671 | 22,536 | (11,912.9) | 740.8 | 11,912.9 | 184 | 2,191,964.4 | |
| 125 Jeffersonville..... | 13,000 | 3,643 | 2,252 | 6-21 | 1,939 | 2,112 | 4,051 | 250 | 946 | 926 | 1,872 | 771 | 740.8 | 1,511.8 | 175 | 252,906.5 | |
| 126 Kokomo..... | 8,000 | 1,913 | 940 | 6-21 | 854 | 815 | 1,669 | 50 | 638 | 692 | 1,330 | 439 | 451 | 890 | 173.5 | 154,415 | |
| 127 La Fayette *..... | 21,000 | 7,966 | 3,885 | 6-21 | 3,325 | 3,571 | 6,896 | 800 | 1,496 | 1,512 | 3,008 | (1,724) | 451 | 1,724 | 224 | 216,160 | |
| 128 La Porte..... | 10,000 | 3,387 | 1,663 | 6-21 | 1,465 | 1,490 | 2,955 | 200 | 385 | 390 | 775 | 295 | 305 | 600 | 179 | 109,200 | |
| 129 Lawrenceburg..... | 5,500 | 2,027 | 996 | 6-21 | 881 | 887 | 1,768 | 200 | 385 | 390 | 775 | 295 | 305 | 600 | 182 | 206,745.8 | |
| 130 Logansport..... | 18,000 | 5,516 | 2,711 | 6-21 | (4,812) | 2,064 | 3,860 | 683 | 975 | 1,030 | 2,005 | (1,400.2) | 422 | 1,400.2 | 192 | 158,134 | |
| 131 Madison *..... | 11,500 | 4,425 | 2,175 | 6-21 | 1,796 | 2,064 | 3,860 | 500 | 677 | 693 | 1,370 | 402 | 422 | 824 | 177 | 246,400 | |
| 132 Michigan City..... | 11,500 | 3,249 | 1,597 | 6-21 | 1,402 | 1,433 | 2,835 | 500 | 574 | 584 | 1,158 | 402 | 408 | 871 | 187 | 246,400 | |
| 133 Mount Vernon..... | 6,000 | 2,036 | 1,296 | 6-21 | 1,109 | 1,127 | 2,236 | 200 | 557 | 552 | 1,109 | 463 | 408 | 871 | 187 | 246,400 | |
| 134 Muncie..... | 10,000 | 2,563 | 1,259 | 6-21 | (2,300) | 1,127 | 2,236 | 200 | 557 | 552 | 1,109 | 463 | 408 | 871 | 187 | 246,400 | |
| 135 New Albany *..... | 22,500 | 8,837 | 4,343 | 6-21 | 3,904 | 3,806 | 7,710 | 600 | 1,536 | 1,585 | 3,121 | 1,128 | 1,153 | 2,286 | 180 | 411,480 | |
| 136 Peru..... | 8,000 | 2,419 | 1,189 | 6-21 | 1,042 | 1,063 | 2,110 | 250 | 615 | 623 | 1,238 | 463 | 408 | 871 | 184 | 162,104 | |
| 137 Richmond..... | 18,000 | 6,985 | 3,433 | 6-21 | 3,050 | 3,044 | 6,094 | 844 | 1,205 | 1,331 | 2,536 | (881) | 1,551 | 2,635 | 177 | 360,195 | |
| 138 Seymour..... | 6,000 | 2,015 | 990 | 6-21 | 870 | 888 | 1,758 | 250 | 500 | 505 | 1,005 | 373.8 | 369.7 | 743 | 176 | 130,747 | |
| 139 Shelbyville..... | 6,000 | 1,851 | 906 | 6-21 | (1,609) | 888 | 1,699 | 100 | 436 | 538 | 974 | (802) | 802 | 1,602 | 180 | 144,360 | |
| 140 South Bend..... | 22,620 | 6,922 | 3,404 | 6-21 | 2,992 | 3,047 | 6,039 | 1,000 | 1,321 | 1,381 | 2,702 | 987 | 1,026 | 2,013 | 177 | 356,301 | |

| | | | | | | | | | | | | | | | | | |
|----------------------------|--------|--------|--------|------|----------|---------|--------|-------|---------|---------|-------|-----------|-------|---------|---------|-----------|---------|
| Terre Haute..... | 37,000 | 15,657 | 7,695 | 6-21 | 6,919 | 6,711 | 13,660 | 700 | 2,485 | 3,414 | 4,899 | (3,816.8) | 488.8 | 422.1 | 3,816.8 | 185 | 706,108 |
| Valparaiso..... | 6,000 | 1,913 | 940 | 6-21 | 821 | 848 | 1,609 | 350 | 469 | 457 | 926 | 347 | 351 | 701 | 178 | 124,773 | |
| Vincennes..... | 11,000 | 3,583 | 1,766 | 6-21 | 1,559 | 1,576 | 3,135 | 790 | 612 | 629 | 1,211 | 441 | 473 | 914 | 196 | 179,141 | |
| Washington..... | 6,020 | 2,036 | 1,000 | 6-21 | 4890 | 4886 | 61,776 | 300 | 509 | 560 | 1,069 | 378 | 380 | 753 | 167 | 125,903 | |
| IOWA. | | | | | | | | | | | | | | | | | |
| Atlantic..... | 5,000 | 1,527 | 751 | 5-21 | 722 | 699 | 1,421 | 0 | 640 | 612 | 1,252 | 438.8 | 422.1 | 860.9 | 175 | 150,657.5 | |
| Boone..... | 5,894 | 1,693 | 813 | 5-21 | 835 | 740 | 1,575 | 200 | 740 | 620 | 1,360 | 560 | 490 | 1,050 | 180 | 180,000 | |
| Burlington..... | 26,000 | 9,010 | 4,401 | 5-21 | 831 | (8,381) | 8,381 | 1,000 | (4,436) | 436 | 436 | (2,953) | 490 | 2,953 | (c) | 4561,970 | |
| Cedar Rapids..... | 25,000 | 6,793 | 2,800 | 5-21 | 2,175 | 3,124 | 5,203 | 500 | (3,563) | 563 | 563 | (2,950) | 490 | 2,950 | (d) | 5501,500 | |
| Clinton..... | 12,500 | 4,723 | 2,327 | 5-21 | 4,403 | (4,403) | 4,403 | 2,000 | (2,675) | 2,675 | 2,675 | (1,802) | 490 | 1,802 | (e) | 6321,360 | |
| Council Bluffs..... | 35,000 | 9,018 | 4,431 | 5-21 | 4,188 | 4,201 | 8,389 | 4450 | 1,631 | 1,741 | 3,732 | 1,115 | 1,217 | 1,802 | 195 | 454,725 | |
| Creston..... | 7,983 | 3,193 | 1,597 | 5-21 | 4,113 | (4,113) | 4,113 | 200 | 825 | 875 | 1,700 | 580 | 620 | 1,200 | 188 | 255,600 | |
| Davenport..... | 30,000 | 9,865 | 4,861 | 5-21 | 4,414 | 4,783 | 9,197 | 200 | 2,311 | 2,264 | 4,575 | 1,065 | 1,067 | 2,517 | 175 | 440,444 | |
| Des Moines, east..... | 15,000 | 5,553 | 2,779 | 5-21 | 2,591 | 2,663 | 5,259 | 300 | 1,809 | 1,903 | 3,069 | 1,065 | 1,067 | 2,517 | 175 | 440,444 | |
| Des Moines, west..... | 28,000 | 6,923 | 3,405 | 5-21 | 2,938 | 3,416 | 6,414 | 819 | 1,893 | 2,124 | 4,057 | (2,517) | 490 | 2,517 | 175 | 501,495 | |
| Dubuque..... | 30,000 | 11,138 | 5,474 | 5-21 | 4,987 | 5,381 | 10,363 | 2,512 | 2,238 | 2,240 | 4,478 | (2,517) | 490 | 2,517 | 175 | 501,495 | |
| Fort Dodge..... | 5,500 | 1,835 | 962 | 5-21 | 817 | 890 | 1,707 | 150 | 533 | 540 | 1,073 | 387.4 | 400.6 | 783 | 200 | 618,990 | |
| Fort Madison..... | 9,460 | 2,393 | 1,179 | 5-21 | 1,000 | 1,166 | 2,226 | 500 | (780) | 780 | 780 | (702) | 702 | 702 | (d) | 4119,310 | |
| Iowa City..... | 7,000 | 3,897 | 1,918 | 5-21 | 1,729 | 1,897 | 3,626 | 500 | (1,307) | 1,307 | 1,307 | (1,001) | 1,001 | 1,001 | 190 | 190,150 | |
| Keokuk..... | 15,000 | 5,215 | 2,564 | 5-21 | 2,378 | 2,474 | 4,852 | 400 | (2,379) | 2,379 | 2,379 | (1,892) | 1,892 | 1,892 | 180 | 340,360 | |
| Le Mars..... | 5,000 | 1,479 | 727 | 5-21 | 679 | 697 | 1,376 | 175 | (1,010) | 1,010 | 1,010 | (746) | 746 | 746 | 177 | 180,942 | |
| Lyons..... | 5,500 | 2,070 | 1,017 | 5-21 | 1,320 | 1,000 | 1,925 | 300 | 500 | 520 | 1,020 | 350 | 370 | 700 | 200 | 200,000 | |
| Marshalltown..... | 12,000 | 2,862 | 1,407 | 5-21 | 1,320 | 1,342 | 2,662 | 85 | 918 | 1,016 | 1,361 | 669 | 820 | 1,459 | 175 | 290,470 | |
| Mount Pleasant..... | 5,750 | 1,450 | 713 | 5-21 | 640 | 709 | 1,319 | 350 | 407 | 461 | 898 | (614.5) | 820 | 1,488 | 175 | 290,470 | |
| Muscatine..... | 8,300 | 3,308 | 1,626 | 5-21 | 1,552 | 1,523 | 3,075 | 20 | 731 | 823 | 1,950 | (1,488) | 569 | 1,488 | 180 | 425,480 | |
| Oskaloosa..... | 8,000 | 2,181 | 1,070 | 5-21 | 1,925 | 1,081 | 3,003 | 120 | 731 | 823 | 1,950 | (1,488) | 569 | 1,488 | 180 | 425,480 | |
| Ottumwa..... | 14,000 | 3,333 | 1,638 | 5-21 | (3,100) | 1,081 | 3,003 | 120 | (2,578) | 2,578 | 2,578 | (1,761) | 569 | 1,761 | 188 | 331,068 | |
| Sioux City..... | 25,000 | 9,414 | 4,623 | 5-21 | (8,759) | 706 | 8,759 | 200 | (3,809) | 3,809 | 3,809 | (2,989) | 499 | 2,989 | (e) | 4567,910 | |
| Waterloo (east side)*..... | 4,000 | 1,472 | 727 | 5-21 | 670 | 706 | 1,376 | 200 | 457 | 423 | 3,899 | (482.8) | 499 | 482.8 | 177 | 85,417 | |
| KANSAS. | | | | | | | | | | | | | | | | | |
| Atchison..... | 25,000 | 46,183 | 23,087 | 5-21 | (25,742) | 506 | 25,742 | 600 | 1,018 | 1,070 | 2,088 | (1,477) | 397 | 1,477 | ..... | 6258,475 | |
| Clay Centre..... | 7,800 | 1,269 | 685 | 5-21 | 585 | 596 | 1,181 | 75 | 550 | 577 | 1,127 | 346 | 360 | 743 | 176 | 130,763 | |
| El Dorado..... | 6,000 | 1,373 | 685 | 5-21 | 590 | 685 | 1,275 | 650 | 561 | 600 | 1,161 | 311 | 360 | 671 | 165.5 | 111,050.5 | |
| Emporia..... | 12,000 | 2,992 | 1,493 | 5-21 | 2,273 | 2,105 | 4,378 | 680 | 773 | 837 | 1,610 | 646 | 700 | 1,346 | 175 | 235,650 | |
| Fort Scott..... | 16,100 | 5,470 | 2,300 | 5-21 | 1,890 | 2,019 | 3,918 | 100 | 1,317 | 1,510 | 2,827 | 832 | 936 | 1,768 | 160 | 282,906 | |
| Hutchinson..... | 15,000 | 2,254 | 1,135 | 5-21 | 961 | 1,132 | 2,093 | 125 | 1,317 | 1,510 | 2,827 | 832 | 936 | 1,768 | 160 | 282,906 | |
| Independence..... | 33,100 | 1,586 | 828 | 5-21 | 719 | 723 | 1,448 | 120 | 486 | 610 | 1,096 | 397 | 435 | 1,243 | 173 | 215,639 | |
| Kansas City..... | 33,100 | 11,991 | 5,983 | 5-21 | 5,634 | 5,514 | 11,148 | 550 | 2,953 | 2,908 | 5,866 | (4,238) | 435 | 4,238 | 157 | 655,800 | |
| Lawrence..... | 12,000 | 3,946 | 1,970 | 5-21 | 1,819 | 1,845 | 3,664 | 500 | 1,057 | 1,183 | 2,270 | 801 | 926.5 | 1,727.5 | 168 | 292,920 | |
| Leavenworth..... | 32,100 | 8,606 | 4,427 | 5-21 | 3,454 | 3,712 | 7,166 | 1,500 | 1,411 | 1,438 | 2,897 | 1,264 | 1,310 | 2,574 | 195 | 501,430 | |
| Newton..... | 9,339 | 2,186 | 1,125 | 5-21 | 952 | 954 | 1,906 | 130 | 688 | 732 | 1,420 | 473 | 530 | 1,003 | 176 | 190,632 | |
| Ottawa..... | 7,047 | 2,132 | 1,094 | 5-21 | (2,035) | 954 | 2,035 | 100 | 762 | 800 | 1,562 | (1,324) | 578 | 1,117 | 176 | 190,632 | |
| Parsons..... | 12,000 | 2,369 | 1,185 | 5-21 | 1,200 | 1,000 | 2,200 | 250 | 598 | (1,758) | 1,758 | (1,324) | 578 | 1,117 | 176 | 190,632 | |
| Salina..... | 8,500 | 2,215 | 1,106 | 5-21 | (2,037) | 954 | 2,037 | 250 | 598 | (1,758) | 1,758 | (1,324) | 578 | 1,117 | 176 | 190,632 | |
| Topeka..... | 30,000 | 11,998 | 5,989 | 5-21 | 5,227 | 5,913 | 11,140 | 200 | 457 | 423 | 3,809 | (2,989) | 499 | 2,989 | (c) | 4567,910 | |

* Statistics of 1887-88.

a In 1887-88.

b Estimated.

c The schools were taught 10 months.

d The schools were taught 9 months.

e The schools were taught 9.5 months.

TABLE 14.—Statistics for 1888-89 of population, and school enrollment and attendance in cities and villages containing over 4,000 inhabitants—Continued.

| City. | Total population (estimated) in 1888. | Population 4-21. | Population 6-14. | School census age. | Number of children of school-census age. | | | Estimated number of pupils in private and parochial schools who did not attend the public schools during the year. | Number of different pupils enrolled in all public day schools. | | Average daily attendance in public day schools. | | Number of days public schools were actually taught. | Total attendance in days of all pupils in public day schools. | | |
|-----------------------|---------------------------------------|------------------|------------------|--------------------|------------------------------------------|---------|--------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------|-------------------------------------------------|----------|-----------------------------------------------------|---------------------------------------------------------------|---------|-----------|
| | | | | | Male. | Female. | Total. | | Male. | Female. | Total. | Male. | | | Female. | Total. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| KANSAS—continued. | | | | | | | | | | | | | | | | |
| 184 Wellington..... | 6,500 | 1,956 | 975 | 5-21 | 867 | 949 | 1,816 | 80 | 615 | 605 | 1,220 | 415 | 409 | 824 | 180 | 148,320 |
| 185 Wichita..... | 25,000 | 8,622 | 4,303 | 5-21 | 4,001 | 4,004 | 8,005 | 1,000 | (4,963) | (4,963) | 4,963 | 1,419.9 | 1,590 | 3,009.9 | 188 | 567,819 |
| 186 Winfield..... | 7,000 | 2,076 | 1,036 | 5-21 | (1,928) | | 1,928 | 50 | (1,384) | (1,384) | 1,384 | (936) | | 936 | 180 | 168,480 |
| KENTUCKY. | | | | | | | | | | | | | | | | |
| 187 Ashland..... | 5,200 | | | | | | | | (648) | | 648 | (526) | | 526 | | |
| 188 Bowling Green * | 8,500 | 2,466 | 1,246 | 6-20 | (1,955) | 5,617 | 1,955 | 400 | (1,148) | | 1,148 | (784) | | 784 | 196 | 153,664 |
| 189 Covington..... | 36,000 | 11,773 | 7,280 | 6-21 | 6,207 | | 11,954 | 21,200 | (3,370) | | 3,370 | (2,561) | | 2,561 | 200 | 512,800 |
| 190 Dayton..... | 6,000 | 1,675 | 846 | 6-21 | 704 | 931 | 1,355 | 300 | 492 | 493 | 985 | 329 | 350 | 680 | | |
| 191 Hopkinsville..... | 7,000 | 2,201 | 1,164 | 6-20 | 921 | 943 | 1,864 | 100 | 415 | 405 | 910 | 325 | 350 | 675 | 198 | 133,650 |
| 192 Lexington..... | 25,000 | 8,201 | 4,149 | 6-20 | 3,428 | 3,214 | 6,642 | 2,000 | 1,819 | 1,127 | 2,946 | 1,552 | 1,016 | 2,568 | 196 | 503,328 |
| 193 Louisville..... | 160,000 | 81,320 | 41,664 | 6-20 | 31,361 | 33,850 | 65,194 | 850 | 1,623 | (22,598) | 22,598 | (16,196) | 1,294 | 16,196 | 204 | 3,383,984 |
| 194 Newport..... | 28,000 | 10,455 | 5,283 | 6-20 | 4,201 | 4,257 | 8,458 | 300 | 602 | 1,005 | 3,228 | 1,243 | 1,294 | 2,537 | 200 | 567,400 |
| 195 Owensboro..... | 10,000 | 2,797 | 1,414 | 6-20 | 1,103 | 1,160 | 2,263 | 125 | 899 | 1,018 | 1,326 | 449 | 585 | 1,004 | 182 | 181,909 |
| 196 Paducah..... | 21,150 | 6,466 | 3,268 | 6-20 | 2,597 | 2,635 | 5,232 | 125 | 899 | 1,018 | 1,917 | 658 | 677 | 1,335 | 190 | 425,863 |
| 197 Paris..... | 5,000 | 1,897 | 959 | 6-20 | 776 | 759 | 1,535 | 200 | 184 | 139 | 323 | 128 | 95 | 233 | 190 | 35,270 |
| LOUISIANA. | | | | | | | | | | | | | | | | |
| 198 New Orleans*..... | 243,101 | 99,008 | 51,873 | 6-18 | 34,131 | 35,000 | 69,131 | 17,000 | 12,504 | 13,145 | 25,649 | 7,612 | 8,149 | 15,761 | 182 | 2,868,502 |
| MAINE. | | | | | | | | | | | | | | | | |
| 199 Auburn*..... | 13,400 | 3,225 | 1,513 | 4-21 | 1,585 | 1,620 | 3,205 | 0 | (1,578) | | 1,578 | (1,367) | | 1,367 | 180 | 246,060 |

| | | | | | | | | | | | | | | |
|----------------|--------------|---------|---------|--------|------|----------|---------|--------|----------|--------|-----------|---------|------|-------------|
| 200 | Augusta | 10,500 | 2,482 | 1,172 | 4-21 | (2,482) | 2,482 | 60 | (1,747) | 1,747 | (1,102) | 1,102 | 176 | 155,535 |
| 201 | Bangor | 17,000 | 5,334 | 2,518 | 4-21 | (5,334) | 5,334 | 300 | (3,000) | 3,000 | (2,500) | 2,500 | 174 | 435,000 |
| 202 | Bath* | 7,875 | 2,583 | 1,219 | 4-21 | (2,583) | 2,583 | | (1,775) | 1,775 | (1,499) | 1,499 | 204 | 305,796 |
| 203 | Belfast* | 4,000 | 1,493 | 705 | 4-21 | (1,493) | 1,493 | | (1,223) | 1,223 | | | | c249,519 |
| 204 | Bideford | 15,000 | 4,378 | 2,067 | 4-21 | (4,378) | 4,378 | 600 | 1,012 | 1,006 | (1,293) | 1,293 | c175 | 192,500 |
| 205 | Calais | 2,469 | 2,469 | 1,166 | 4-21 | 1,309 | 2,469 | 150 | 600 | 1,500 | 400 | 1,771 | 175 | |
| 206 | Elsworth | 5,052 | 838 | 811 | 4-21 | 1,309 | 838 | 0 | (1,159) | 1,159 | (771) | 771 | | |
| 207 | Lewiston | 23,500 | 6,781 | 3,202 | 4-21 | 2,979 | 6,781 | 1,200 | 1,420 | 2,980 | (1,901.5) | 1,901.5 | 185 | 331,777.5 |
| 208 | Portland | 42,000 | 11,027 | 5,206 | 5-21 | (10,412) | 10,412 | 1,238 | 3,948 | 6,211 | (4,532) | 4,532 | 180 | 861,080 |
| 209 | Rockland | 9,000 | 2,178 | 1,028 | 4-21 | (2,178) | 2,178 | | (1,400) | 1,400 | (1,200) | 1,200 | 160 | 192,000 |
| 210 | Saco | 6,500 | a1,650 | a679 | 4-21 | (a1,650) | a1,650 | | (925) | 925 | (807) | 807 | | |
| MARYLAND. | | | | | | | | | | | | | | |
| 211 | Baltimore | 500,343 | 127,832 | 62,530 | 6-21 | 51,896 | 110,731 | 15,965 | 23,295 | 40,521 | 18,972 | 37,892 | 201 | 7,616,292 |
| 212 | Frederick | 10,000 | 2,061 | 1,008 | 6-21 | 920 | 3,790 | 375 | 490 | 963 | 360 | 705 | 139 | 103,045 |
| 213 | Hagerstown | 12,000 | 4,637 | 2,293 | 6-20 | 2,100 | 3,790 | 300 | (1,565) | 1,565 | (1,161) | 1,161 | | |
| MASSACHUSETTS. | | | | | | | | | | | | | | |
| 214 | Atholborough | 7,000 | 1,912 | 881 | 5-15 | 530 | 1,105 | 40 | 719 | 1,396 | 500 | 961 | 175 | 103,175 |
| 215 | Beverly* | 9,186 | 2,914 | 1,343 | 5-15 | (1,684) | 1,684 | 15 | (1,596) | 1,596 | (1,313) | 1,313 | 194 | 255,722 |
| 216 | Boston | 400,000 | 125,600 | 57,875 | 5-15 | (72,590) | 72,590 | 7,882 | (65,782) | 65,782 | (54,134) | 54,134 | 198 | c10,718,532 |
| 217 | Brookton | 25,000 | 6,480 | 2,989 | 5-15 | (3,745) | 3,745 | 510 | (4,301) | 4,301 | (3,039) | 3,039 | (d) | c577,410 |
| 218 | Brookline | 10,000 | 3,231 | 1,489 | 5-15 | (1,867) | 1,867 | 150 | (2,110) | 2,110 | (1,615) | 1,615 | 200 | 323,000 |
| 219 | Cambridge | 65,000 | 20,281 | 9,346 | 5-15 | (11,727) | 11,727 | 1,785 | (11,496) | 11,496 | (9,756) | 9,756 | 200 | 1,991,200 |
| 220 | Chelsea | 21,500 | 8,461 | 3,900 | 5-15 | (4,891) | 4,891 | 419 | (2,559) | 2,559 | (3,539) | 3,539 | (d) | c672,410 |
| 221 | Chicopee | 10,000 | 3,851 | 1,775 | 5-15 | (2,225) | 2,225 | 900 | (979) | 911 | (965.6) | 965.6 | | c156,300.2 |
| 222 | Clinton | 10,067 | 3,382 | 1,560 | 5-15 | 967 | 1,960 | 18 | 979 | 1,880 | (1,330) | 1,330 | 137 | 260,680 |
| 223 | Danvers | 7,500 | 1,956 | 901 | 5-15 | (1,130) | 1,130 | 20 | (1,270) | 1,270 | (1,000) | 1,000 | 185 | 186,665 |
| 224 | Dedham | 2,159 | 2,159 | 995 | 5-15 | (1,248) | 1,248 | 425 | (1,317) | 1,317 | (1,070) | 1,070 | (d) | c203,300 |
| 225 | Fair River | 6,500 | 2,441 | 1,121 | 5-15 | 680 | 1,413 | 30 | 710 | 1,493 | 645 | 1,343 | 194 | 260,542 |
| 226 | Fitchburg | 22,000 | 7,336 | 3,079 | 5-15 | (13,029) | 13,029 | 2,000 | (11,231) | 11,231 | (8,073) | 8,073 | 203 | 1,614,000 |
| 227 | Gloucester | 23,000 | 6,730 | 3,064 | 5-15 | (3,889) | 3,889 | 800 | 1,920 | 3,725 | 1,345 | 2,598 | 188 | 483,421 |
| 228 | Haverhill | 22,000 | 7,019 | 3,012 | 8-14 | 1,158 | 3,239 | 300 | 2,031 | 3,725 | 1,783 | 3,543 | 192 | 680,256 |
| 229 | Holyoke* | 32,041 | 10,261 | 4,699 | 8-15 | (4,032) | 4,032 | 1,000 | 1,368 | 3,127 | (2,955) | 2,955 | 197 | c537,133 |
| 230 | Hyde Park | 9,000 | 2,997 | 1,332 | 5-15 | 1,070 | 2,997 | 533 | 2,338 | 4,340 | 1,456 | 2,729 | 197 | 225,245 |
| 231 | Lawrence | 43,000 | 13,712 | 6,318 | 5-15 | (7,923) | 7,923 | 1,550 | (6,415) | 6,415 | (4,767) | 4,767 | 190 | 953,400 |
| 232 | Lynn | 75,000 | 21,267 | 9,800 | 5-15 | (12,296) | 12,296 | 3,300 | 5,173 | 10,123 | 3,737 | 7,193 | 190 | 1,366,670 |
| 233 | Malden | 50,000 | 13,883 | 6,395 | 5-15 | 4,477 | 8,202 | 750 | 3,709 | 7,957 | 2,844 | 6,101 | 195 | 1,189,695 |
| 234 | Marblehead | 19,617 | 5,641 | 2,600 | 5-15 | 1,621 | 3,260 | 714 | 1,609 | 3,286 | 1,093 | 2,253 | 193 | 434,829 |
| 235 | Mattapan | 7,500 | 2,525 | 1,164 | 5-15 | (1,459) | 1,459 | 40 | (1,350) | 1,350 | (1,047) | 1,047 | (e) | c201,195 |
| 236 | Marlborough | 13,500 | 3,096 | 1,417 | 8-14 | (1,226) | 1,226 | 350 | 1,091 | 2,124 | 894 | 1,790 | 172 | 397,880 |
| 237 | Milford | 11,000 | 2,769 | 1,276 | 5-15 | (1,600) | 1,600 | 25 | (1,338) | 1,338 | (1,454.2) | 1,454.2 | 192 | 279,206 |
| 238 | Milford | 10,000 | 2,432 | 1,121 | 5-15 | 687 | 1,405 | 250 | 702 | 1,551 | 524 | 1,179 | 172 | 272,788 |
| 239 | New Bedford | 39,000 | 10,744 | 4,950 | 5-15 | (6,208) | 6,208 | 1,855 | 2,690 | 5,477 | (3,652) | 3,652 | 200 | 730,400 |

d The schools were in session 10 months.
e The schools were in session 10 months.

b Colored schools were taught 172 days.

c Estimated.

* Statistics of 1887-88.

a In 1887-88.

TABLE 14.—Statistics for 1888-89 of population, and school enrollment and attendance in cities and villages containing over 4,000 inhabitants—Continued.

| City. | Total population (estimated) in 1888. | Population 4-21. | Population 6-14. | School-census age. | Number of children of school-census age. | | | Estimated number of pupils in private and parochial schools who did not attend the public schools during the year. | Number of different pupils enrolled in all public day schools. | | | Average daily attendance in public day schools. | | Number of days public schools were actually taught. | Total attendance in public day schools. | |
|--------------------------|---------------------------------------|------------------|------------------|--------------------|------------------------------------------|----------|--------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------|--------|-------------------------------------------------|---------|-----------------------------------------------------|-----------------------------------------|-----------|
| | | | | | Male. | Female. | Total. | | Male. | Female. | Total. | Male. | Female. | | | Total. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| MASSACHUSETTS—continued. | | | | | | | | | | | | | | | | |
| 241 Newburyport | 14,000 | 4,413 | 2,033 | 5-15 | (2,550) | (2,550) | 2,550 | 800 | (1,695) | 2,158 | 1,695 | (1,204) | 1,204 | 1,204 | 191.5 | 230,566 |
| 242 Newton | 19,759 | 7,273 | 3,351 | 5-15 | (4,202) | (4,202) | 4,202 | 255 | 2,125 | 2,158 | 4,283 | (3,570) | 3,570 | 3,570 | (6) | 6678,300 |
| 243 North Adams | 14,000 | 5,051 | 2,327 | 5-15 | (2,918) | (2,918) | 2,918 | 500 | 1,544 | 1,302 | 2,846 | (1,865) | 1,865 | 1,865 | 190 | 354,350 |
| 244 Northampton | 14,257 | 4,156 | 1,915 | 5-15 | (2,401) | (2,401) | 2,401 | 250 | 2,150 | 1,302 | 2,452 | (1,977) | 1,977 | 1,977 | 176 | 350,452 |
| 245 Peabody | 9,500 | 3,753 | 1,729 | 5-15 | (2,168) | (2,168) | 2,168 | 450 | 1,718 | (2,112) | 2,112 | (1,609) | 1,609 | 1,609 | (6) | 6395,710 |
| 246 Pittsfield | 18,000 | 5,533 | 2,549 | 5-15 | 1,497 | 1,000 | 2,497 | 300 | 1,600 | 1,705 | 3,305 | 1,100 | 1,286 | 2,386 | 192 | 458,112 |
| 247 Plymouth | 7,500 | 1,341 | 1,069 | 5-15 | (1,341) | (1,341) | 1,341 | 25 | (1,452) | 1,452 | 1,452 | (1,140) | 1,140 | 1,140 | (6) | 216,600 |
| 248 Quincy | 14,500 | 5,703 | 2,628 | 5-15 | (3,296) | (3,296) | 3,296 | 45 | (3,119) | 1,651 | 3,119 | (2,368) | 2,368 | 2,368 | (6) | 6449,920 |
| 249 Salem | 28,700 | 9,062 | 4,175 | 5-15 | 2,005 | 2,631 | 4,636 | 312 | 2,505 | (7,780) | 4,156 | 1,914 | 2,226 | 3,140 | 199 | 6324,860 |
| 250 Somerville | 23,000 | 10,312 | 4,751 | 5-15 | (5,959) | (5,959) | 5,959 | 654 | (7,780) | 618 | 7,780 | (5,162.8) | 5,162.8 | 5,162.8 | 173 | 965,118 |
| 251 Southbridge | 6,750 | 2,615 | 1,230 | 5-15 | 751 | 787 | 1,538 | 495 | 560 | 618 | 1,178 | 335 | 387 | 742 | 179 | 132,654 |
| 252 Spencer | 10,000 | 3,292 | 1,517 | 5-15 | (1,902) | (1,902) | 1,902 | 32 | (2,165) | 618 | 2,165 | (1,545) | 1,545 | 1,545 | (6) | 2362,650 |
| 253 Springfield | 42,000 | 11,106 | 5,116 | 5-15 | (6,416) | (6,416) | 6,416 | 1,350 | 3,337 | 2,928 | 6,165 | 2,544.7 | 2,075.9 | 4,620.6 | 191 | 882,534.6 |
| 254 Stoneham | 6,000 | 1,528 | 687 | 5-15 | 369 | 514 | 883 | 225 | 522 | 515 | 1,037 | (800) | 800 | 800 | 200 | 160,000 |
| 255 Taunton | 25,000 | 7,343 | 3,376 | 5-15 | (4,234) | (4,234) | 4,234 | 138 | 1,049 | (3,358) | 4,358 | (3,457) | 3,457 | 3,457 | 190 | 6656,830 |
| 256 Waltham | 18,000 | 4,774 | 2,200 | 5-15 | 1,444 | 1,315 | 2,759 | 850 | 1,049 | 1,144 | 2,193 | (1,743) | 1,743 | 1,743 | 186 | 6254,198 |
| 257 Watertown | 7,000 | 2,151 | 991 | 5-15 | (1,243) | (1,243) | 1,243 | 400 | (1,105) | 1,144 | 1,105 | (843.7) | 843.7 | 843.7 | 197 | 166,208.9 |
| 258 Westfield | 9,200 | 2,932 | 1,351 | 5-15 | 800 | 894 | 1,694 | 30 | 800 | 870 | 1,670 | 600 | 692 | 1,292 | 200 | 258,400 |
| 259 Weymouth | 11,000 | 3,009 | 1,386 | 5-15 | 872 | 867 | 1,739 | 300 | 1,100 | 1,103 | 2,203 | 990 | 993 | 1,983 | 193 | 382,719 |
| 260 Woburn | 12,515 | 4,635 | 2,117 | 8-14 | 812 | 747 | 1,559 | 600 | 1,320 | 1,072 | 2,392 | (1,806) | 1,806 | 1,806 | 196 | 353,976 |
| 261 Worcester | 78,937 | 24,733 | 11,424 | 5-15 | (14,326) | (14,326) | 14,326 | 2,500 | 7,457 | 6,591 | 14,048 | 5,401 | 4,631 | 10,032 | 198 | 2,006,001 |
| MICHIGAN. | | | | | | | | | | | | | | | | |
| 262 Adrian | 10,000 | 2,668 | 1,292 | 5-21 | (2,482) | (2,482) | 2,482 | 350 | 710 | 723 | 1,433 | 463 | 481 | 944 | 192 | 179,280 |
| 263 Alpena | 12,500 | 3,975 | 1,928 | 5-20 | (3,500) | (3,500) | 3,500 | 1,000 | (1,694) | (1,694) | 1,694 | (1,095) | 1,095 | 1,095 | 200 | 6219,000 |

| | | | | | | | | | | | | |
|------------|---------------------|---------|----------|--------|--------|--------|----------|---------|---------|--------|-------|-----------|
| 254 | Ann Arbor..... | 3,394 | 1,646 | 1,521 | 2,989 | 250 | 1,070 | 899 | 1,969 | 1,533 | 190 | 291,270 |
| 255 | Battle Creek*..... | 3,602 | 1,460 | 1,712 | 3,172 | 400 | 876 | 994 | 1,870 | 1,310 | 195 | 255,450 |
| 256 | Bay City..... | 9,098 | (8,012) | 1,712 | 8,012 | 1,700 | 1,988 | 1,959 | 3,947 | 2,780 | 194 | 528,599.5 |
| 257 | Big Rapids*..... | 1,000 | (1,671) | 635 | 1,671 | 0 | 432 | (1,305) | 1,305 | 741 | 196 | 145,236 |
| 258 | Chadlun..... | 5,300 | 557 | 650 | 1,192 | 300 | 203 | 509 | 1,305 | 626 | 194 | 116,813 |
| 259 | Cheyboygan..... | 1,901 | 650 | 575 | 1,225 | 300 | 402 | 256 | 450 | 288 | 195 | 58,160 |
| 260 | Coldwater..... | 1,434 | (1,263) | 575 | 1,263 | 0 | 203 | (1,101) | 1,101 | 830 | 194 | 161,020 |
| 261 | Detroit..... | 76,035 | 4,752 | 4,629 | 66,963 | 10,635 | 2,351 | 2,298 | 22,720 | 16,164 | 200 | 3,232,815 |
| 262 | East Saginaw..... | 35,000 | 948 | 866 | 9,381 | 800 | 372 | 335 | 4,652 | 3,557 | 192 | 682,944 |
| 263 | Escanaba..... | 2,030 | 1,744 | 1,795 | 1,814 | 650 | 707 | 895 | 1,707 | 1,347 | 193 | 87,800 |
| 264 | Flint*..... | 13,000 | (1,795) | 1,744 | 1,795 | 300 | 895 | 940 | 1,795 | 1,347 | 194 | 269,925 |
| 265 | Grand Haven..... | 6,000 | (1,744) | 1,744 | 1,744 | 25 | (1,233) | 940 | 1,263 | 935 | 194 | 187,375 |
| 266 | Grand Rapids..... | 52,435 | (15,128) | 17,180 | 15,128 | 2,000 | (10,370) | 940 | 10,370 | 7,450 | 193 | 1,437,859 |
| 267 | Houli..... | 91,517 | (91,336) | 609 | 91,336 | 9,220 | (1,057) | 940 | 1,057 | 789 | 194 | 137,833.5 |
| 268 | Ishpeming*..... | 7,000 | (2,372) | 2,372 | 2,372 | 180 | (1,607) | 1,082 | 1,607 | 983 | 195 | 191,685 |
| 269 | Jackson..... | 2,881 | (2,775) | 2,593 | 2,775 | 500 | 972 | 1,653 | 1,653 | 1,455 | 187 | 272,055 |
| 270 | Kalamazoo..... | 20,000 | 2,414 | 2,593 | 5,007 | 500 | 1,480 | 1,653 | 3,133 | 2,456 | 189 | 464,106 |
| 271 | Lansing*..... | 9,000 | (3,049) | 3,049 | 3,049 | ..... | (2,079) | 909 | 2,079 | 1,313 | 190 | 249,470 |
| 272 | Ludington..... | 8,000 | (2,176) | 2,176 | 2,176 | ..... | 883 | 909 | 1,762 | 1,256 | 187 | 234,872 |
| 273 | Manistee..... | 11,000 | (3,751) | 3,751 | 3,751 | ..... | (2,666) | 722 | 2,666 | 1,445 | 197 | 284,665 |
| 274 | Marquette..... | 8,000 | (2,370) | 609 | 2,370 | 300 | 730 | 722 | 1,452 | 866.4 | 193 | 167,219.5 |
| 275 | Marshall..... | 5,000 | (2,370) | 609 | 2,370 | 300 | 390 | 708 | 1,452 | 866.4 | 193 | 167,219.5 |
| 276 | Menominee..... | 10,000 | (2,214) | 609 | 2,214 | 330 | 720 | 708 | 1,428 | 847 | 192 | 115,968 |
| 277 | Menominee..... | 5,400 | (1,905) | 1,905 | 1,905 | 550 | (650) | 708 | 1,428 | 847 | 192 | 115,968 |
| 278 | Monroe..... | 2,163 | (1,400) | 1,400 | 1,400 | ..... | 710 | 708 | 1,428 | 847 | 192 | 115,968 |
| 279 | Mount Clemens*..... | 4,200 | (1,400) | 1,400 | 1,400 | ..... | 710 | 708 | 1,428 | 847 | 192 | 115,968 |
| 280 | Muskegon..... | 26,000 | (6,822) | 1,060 | 6,822 | 950 | 2,781 | 2,694 | 5,475 | 3,192 | 200 | 616,204 |
| 281 | Negaunee*..... | 7,000 | (1,187) | 1,060 | 1,187 | 400 | 480 | 454 | 934 | 628 | 192 | 120,576 |
| 282 | Niles..... | 5,000 | (1,236) | 1,236 | 1,236 | 138 | 413 | 440 | 853 | 561.6 | 185 | 104,457.5 |
| 283 | Ontonagon..... | 5,000 | (1,236) | 1,236 | 1,236 | 0 | 522 | 590 | 1,326 | 829 | 193 | 161,970 |
| 284 | Pontiac..... | 12,932 | (1,918) | 2,070 | 3,988 | 800 | 1,089 | 1,065 | 2,154 | 1,319 | 194.5 | 253,243 |
| 285 | Saginaw..... | 22,000 | (45,196) | 2,070 | 45,196 | ..... | (3,081) | 1,065 | 3,081 | 2,400 | 190 | 456,000 |
| 286 | West Bay City..... | 15,000 | (3,611) | 3,611 | 3,611 | 200 | 1,551 | 1,445 | 2,996 | 1,598 | 192 | 306,816 |
| 287 | Wyandotte..... | 4,000 | (1,375) | 1,375 | 1,375 | 230 | (322) | 437 | 522 | 316 | 192 | 66,492 |
| 288 | Ypsilanti..... | 6,000 | (1,740) | 1,740 | 1,740 | 200 | 443 | 437 | 880 | 614 | 200 | 122,800 |
| MINNESOTA. | | | | | | | | | | | | |
| 289 | Anoka..... | 5,000 | (1,264) | 1,264 | 1,264 | 85 | (912) | 912 | (665.9) | 665.9 | 180 | 110,872.3 |
| 290 | Brainerd..... | 8,000 | ..... | ..... | ..... | 25 | (1,220) | 1,220 | (768) | 768 | 180 | 618,240 |
| 291 | Crookston..... | 5,000 | ..... | ..... | ..... | 500 | 452 | 515 | 1,220 | 525 | 180 | 94,469 |
| 292 | Duluth..... | 40,000 | ..... | ..... | ..... | 500 | 1,441 | 1,367 | 2,808 | 1,978 | 189 | 873,842 |
| 293 | Faribault..... | 6,500 | ..... | ..... | ..... | 350 | (995) | 995 | (698) | 698 | 178 | 122,202 |
| 294 | Maple Lake..... | 10,000 | ..... | ..... | ..... | 630 | (1,358) | 1,358 | (1,025) | 1,025 | 178 | 182,460 |
| 295 | Minneapolis..... | 225,000 | ..... | ..... | ..... | 200 | 9,722 | 9,773 | 19,496 | 14,367 | 183 | 2,592,209 |
| 296 | Red Wing*..... | 7,000 | ..... | ..... | ..... | 200 | 648 | 660 | 1,308 | 1,308 | 180 | 163,212.5 |
| 297 | Rochester*..... | 6,000 | ..... | ..... | ..... | 200 | (970) | 970 | (667) | 667 | (1) | 612,030 |

*The schools were taught 9 months.

†Greatest number of days taught in any one school.

g In 1887.

h Legal school age.

i The schools were in session 9½ months.

*Statistics of 1887-88.

a The schools were in session 10 months.

b Estimated.

c The two high schools were in session 186 and 196 days respectively.

d In 1887-88.

TABLE 14.—Statistics for 1888-89 of population, and school enrollment and attendance in cities and villages containing over 4,000 inhabitants—Continued.

| City. | 2 | 3 | 4 | 5 | Number of children of school-census age. | | | Estimated number of pupils in private and parochial schools who did not attend the public schools during the year. | Number of different pupils enrolled in all public day schools. | | | Average daily attendance in public day schools. | | | Number of days public schools were actually taught. | Total attendance in days of all pupils in public day schools. | | | |
|--------------------------|---------|--------|--------|-------|------------------------------------------|--------|--------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------|--------|-------------------------------------------------|---------|---------|-----------------------------------------------------|---------------------------------------------------------------|-------|---------|--------|
| | | | | | School-census age. | | Total. | | Male. | Female. | Total. | Male. | Female. | Total. | | | Male. | Female. | Total. |
| | | | | | 6 | 7 | | | | | | | | | | | | | |
| MINNESOTA—cont'd. | | | | | | | | | | | | | | | | | | | |
| 308 St. Cloud | 10,000 | 1,671 | 818 | 5-21 | 784 | 763 | 1,547 | 475 | 357 | 461 | 818 | 312 | 431 | 743 | 2180 | 136,740 | | | |
| 309 St. Paul | 175,485 | ..... | ..... | ..... | ..... | ..... | ..... | 300 | 5,938 | 5,767 | 11,705 | 4,879 | 4,767 | 9,646 | 188 | 1,826,714 | | | |
| 310 Stillwater | 17,000 | ..... | ..... | 6-21 | ..... | ..... | ..... | 1,000 | 1,311 | (1,672) | 1,672 | 1,011 | (1,286) | 1,286 | 176 | 226,276 | | | |
| 311 Winona | 20,000 | 6,403 | 3,136 | 6-21 | 2,450 | 3,020 | 5,470 | 1,000 | 1,311 | 1,460 | 2,771 | 1,011 | 1,025 | 2,036 | 200 | 338,627 | | | |
| MISSISSIPPI. | | | | | | | | | | | | | | | | | | | |
| 312 Columbus | 7,000 | ..... | ..... | 5-21 | ..... | ..... | ..... | 70 | 600 | 611 | 1,211 | ..... | ..... | ..... | 177 | ..... |  |  |  |
| 313 Jackson | 8,000 | 42,333 | 61,241 | 5-21 | 41,000 | 41,200 | 82,200 | 125 | 250 | 270 | 520 | 135 | 205 | 335 | 160 | 63,200 | | | |
| 314 Meridian | 15,000 | 3,915 | 2,031 | 5-21 | 1,700 | 1,600 | 3,300 | 600 | 593 | 6840 | 61,432 | 6103 | 6525 | 6928 | 2190 | 6176,320 | | | |
| 315 Natchez | 10,000 | 1,862 | 1,898 | 5-21 | 1,862 | 1,898 | 3,760 | 530 | 538 | 667 | 1,205 | 305 | 347 | 652 | 180 | 117,300 | | | |
| 316 Vicksburg | 20,000 | 7,072 | 3,668 | 5-21 | 3,174 | 3,329 | 6,503 | 840 | 718 | 997 | 1,715 | 384 | 592 | 976 | 165 | 161,040 | | | |
| MISSOURI. | | | | | | | | | | | | | | | | | | | |
| 317 Boonville | 4,500 | 1,692 | 846 | 6-20 | 704 | 665 | 1,369 | ..... | 343 | 353 | 696 | (478) | 235 | 478 | 180 | 86,832 | | | |
| 318 Brookfield | 4,500 | 1,703 | 868 | 6-20 | 694 | 681 | 1,378 | ..... | 394 | 310 | 704 | 312 | 235 | 547 | 180 | 98,460 | | | |
| 319 Butler | 5,000 | 1,300 | 635 | 6-20 | 520 | 508 | 1,028 | 20 | 414 | 389 | 803 | (523) | ..... | 523 | 178 | 93,093 | | | |
| 320 Cape Girardeau | 5,000 | 2,244 | 1,122 | 6-20 | 889 | 926 | 1,815 | ..... | 361 | 391 | 752 | (510) | ..... | 510 | 175 | 84,080 | | | |
| 321 Carrollton | 5,000 | 1,755 | 878 | 6-20 | 731 | 689 | 1,420 | 75 | 588 | 590 | 1,178 | 500 | 530 | 1,030 | 180 | 185,400 | | | |
| 322 Carthage | 8,000 | 2,711 | 1,356 | 6-20 | 1,024 | 1,170 | 2,194 | 95 | 736 | 857 | 1,593 | (1,152.3) | ..... | 1,152.3 | 176 | 202,894.8 | | | |
| 323 Chillicothe | 6,000 | 2,080 | 1,017 | 6-20 | 838 | 807 | 1,645 | 125 | (1,016) | 694 | 1,016 | (646) | ..... | 646 | 158 | 101,317 | | | |
| 324 Clinton | 8,000 | 1,880 | 940 | 6-20 | 736 | 785 | 1,521 | 280 | 370 | 604 | 1,174 | 379 | 421 | 800 | 180 | 146,360 | | | |
| 325 Columbia | 5,000 | 2,020 | 1,010 | 6-20 | 775 | 858 | 1,633 | 700 | 360 | 421 | 781 | 279 | 300 | 579 | 154 | 89,277 | | | |
| 326 De Soto | 4,000 | 1,332 | 666 | 6-20 | 512 | 565 | 1,078 | 30 | 276 | 301 | 577 | (526) | ..... | 526 | 138 | 72,588 | | | |
| 327 Hannibal | 15,000 | 4,331 | 2,166 | 5-21 | 1,985 | 2,050 | 4,035 | 250 | 1,163 | 1,241 | 2,404 | 769 | 856 | 1,625 | 177 | 287,625 | | | |
| 328 Independence | 7,000 | 2,286 | 1,145 | 6-20 | 895 | 997 | 1,892 | ..... | 627 | 740 | 1,367 | 402 | 475 | 877 | 174 | 152,710 | | | |

| | | | | | | | | | | | | | | |
|----------------|---------------------|---------|---------|--------|-------|---------|---------|--------|---------|--------|-----------|---------|-------|-----------|
| 329 | Jefferson City * | 7,000 | 2,608 | 1,394 | 6-20 | (2,110) | 2,110 | ..... | (945) | 945 | (699) | 699 | 172 | 120,114 |
| 330 | Joplin | 4,750 | 1,882 | 917 | 6-20 | 700 | 1,483 | ..... | 605 | 1,268 | (727) | 727 | 155 | 113,424 |
| 331 | Kansas City | 100,000 | 48,844 | 21,725 | 6-20 | 19,044 | 39,289 | ..... | 7,893 | 16,133 | (10,497) | 10,497 | 180 | 1,839,400 |
| 332 | Lexington | 5,000 | 2,311 | 1,156 | 6-20 | 929 | 1,870 | 300 | 377 | 769 | 260 | 593 | 183 | 92,049 |
| 333 | Louisiana | 5,000 | 1,892 | 916 | 6-20 | 765 | 1,531 | 350 | 476 | 954 | (629) | 629 | 120 | 75,463 |
| 334 | Marshall | 4,750 | 1,892 | 916 | 6-20 | 723 | 1,482 | ..... | 493 | 1,103 | (782) | 782 | 174 | 136,224 |
| 335 | Mayville | 5,000 | 1,597 | 799 | 6-20 | 621 | 1,292 | 100 | 570 | 532 | 350 | 796 | 176 | 140,096 |
| 336 | Mexico * | 5,000 | 1,824 | 912 | 6-20 | 795 | 1,475 | 225 | 570 | 532 | 370.5 | 762.5 | 180 | 137,230.5 |
| 337 | Nebraska | 18,000 | 4,690 | 2,346 | 6-20 | 1,833 | 3,796 | 300 | 837 | 855 | (1,171) | 1,171 | 157 | 183,847 |
| 338 | Nevada | 8,000 | 2,362 | 1,182 | 6-20 | 945 | 1,967 | ..... | 578 | 1,171 | (700) | 700 | 153 | 168,966 |
| 339 | Rich Hill | 8,000 | 1,869 | 933 | 6-20 | 724 | 1,513 | 40 | 578 | 593 | 195 | 394 | 197 | 76,412 |
| 340 | St. Charles | 8,405 | 2,305 | 1,221 | 6-20 | 937 | 1,932 | 1,262 | 2,737 | 2,916 | 1,832 | 3,806 | 193 | 753,588 |
| 341 | St. Joseph | 53,000 | 23,577 | 11,762 | 6-20 | 8,811 | 19,035 | 25,000 | 27,696 | 23,431 | 21,815 | 44,000 | 162 | 7,503,863 |
| 342 | St. Louis | 419,160 | 133,957 | 68,250 | 6-20 | 53,056 | 108,451 | ..... | 1,100 | 2,614 | 814 | 1,832 | 180 | 32,772 |
| 343 | Sedalia * | 25,000 | 4,528 | 2,264 | 6-20 | 1,734 | 3,662 | 500 | 2,127 | 2,238 | 1,255 | 2,632 | 160 | 421,078 |
| 344 | Springfield | 15,000 | 4,436 | 2,469 | 6-20 | 1,892 | 3,994 | ..... | 1,100 | 2,614 | 1,255 | 2,632 | 160 | 421,078 |
| 345 | Trenton | 6,500 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 346 | Warrensburg * | 4,200 | 1,634 | 815 | 6-20 | (1,366) | 1,365 | 130 | (892) | 892 | (624) | 624 | 178 | 111,153 |
| 347 | Washington * | 5,000 | 2,224 | 1,112 | 6-20 | 881 | 1,793 | 300 | 181 | 357 | 153 | 319 | 190.5 | 60,769.5 |
| MONTANA. | | | | | | | | | | | | | | |
| 248 | Butte City | 33,000 | a2,973 | a1,424 | 4-21 | a1,476 | a2,973 | 200 | (2,157) | 2,157 | (1,304.2) | 1,304.2 | 189 | 246,498.8 |
| NEBRASKA. | | | | | | | | | | | | | | |
| 349 | Beatrice | 12,000 | 2,702 | 1,373 | 5-21 | 1,200 | 2,481 | 200 | 858 | 814 | 487 | 490 | 175 | 170,975 |
| 350 | Fremont | 10,225 | 2,012 | 1,023 | 5-21 | 864 | 1,850 | 125 | 675 | 801 | (1,019.3) | 1,019.3 | 186 | 180,530 |
| 351 | Grand Island | 10,000 | 2,202 | 1,314 | 5-21 | 980 | 2,025 | 75 | 745 | 821 | 494 | 580 | 196 | 209,737 |
| 352 | Hastings | 15,000 | 2,235 | 1,137 | 5-21 | 1,003 | 2,035 | 200 | 765 | 767 | 493 | 496 | 180 | 158,020 |
| 353 | Kearney | 10,000 | 2,325 | 1,183 | 5-21 | 1,070 | 2,138 | ..... | 643 | 719 | 411.6 | 460.3 | 176 | 153,544.4 |
| 354 | Lincoln | 50,000 | 10,578 | 5,831 | 5-21 | 4,944 | 9,738 | a200 | 2,375 | 2,733 | 1,661.4 | 1,637.8 | 172 | 567,462.4 |
| 355 | Nebraska City | 15,000 | 2,416 | 1,229 | 5-21 | 1,086 | 2,221 | 200 | 612 | 712 | 461 | 492 | 180 | 179,540 |
| 356 | Omaha | 105,000 | 26,931 | 10,792 | 5-21 | 9,411 | 19,260 | 1,800 | 6,121 | 12,498 | 4,650 | 4,313 | 8,863 | 1,597,409 |
| 357 | Plattsmouth | 10,000 | 2,147 | 1,059 | 5-21 | 949 | 1,914 | 150 | (1,261) | 1,261 | (837) | 837 | 180 | 150,660 |
| NEVADA. | | | | | | | | | | | | | | |
| 358 | Carson City | 4,000 | 1,127 | 537 | 6-13 | 351 | 731 | 25 | 309 | 341 | 217 | 244 | 161 | 76,290 |
| 359 | Eureka | 4,000 | 1,107 | 576 | 6-21 | (1,019) | 1,019 | ..... | (626) | 626 | (372) | 372 | 190 | 70,680 |
| 360 | Gold Hill | 5,000 | 1,189 | 566 | 6-18 | 401 | 771 | 6 | 239 | 347 | 207 | 184 | 192 | 73,072 |
| 361 | Virginia City | 10,000 | 2,723 | 1,295 | 6-18 | 887 | 1,765 | 500 | 760 | 682 | (1,036.6) | 1,036.6 | 198 | 265,246.8 |
| NEW HAMPSHIRE. | | | | | | | | | | | | | | |
| 362 | Concord | 15,000 | ..... | ..... | ..... | ..... | ..... | 250 | 891 | 965 | (1,404) | 1,404 | 156 | 219,024 |
| 363 | Dover | 14,000 | 3,550 | 1,622 | 5-15 | 1,016 | 2,029 | a600 | 704 | 770 | (1,115) | 1,115 | c180 | 202,015 |
| 364 | Keene | 7,000 | 1,961 | 896 | 5-16 | (1,231) | 1,231 | a350 | 646 | 591 | (901) | 901 | 200 | 202,015 |
| 365 | Manchester | 40,000 | ..... | ..... | ..... | ..... | ..... | a3,700 | (3,712) | 3,712 | (2,500) | 2,500 | 172 | d430,000 |
| 366 | Nashua | 17,000 | 4,182 | 1,910 | 5-15 | 1,230 | 2,330 | a1,176 | ..... | 1,979 | (1,405) | 1,405 | 164.5 | 231,122.5 |

d Estimated.

b Statistics of white schools only.
c Primary and ungraded schools, 175 days; high school 190 days.* Statistics of 1887-88.
§ In 1887-88.

TABLE 14.—Statistics for 1888-89 of population, and school enrollment and attendance in cities and villages containing over 4,000 inhabitants—Continued.

| City. | 6 Total population (estimated) in 1888. | 3 Population 4-21. | 4 Population 6-14. | 5 School-census age. | Number of children of school-census age. | | | 8 Total. | 9 Estimated number of pupils in private and parochial schools who did not attend the pub- lic schools during the year. | Number of different pu- pils enrolled in all public day schools. | | | | Average daily attend- ance in public day schools. | | | 16 Number of days public schools were actually taught. | 17 Total attendance in days of all pupils in public day schools. |
|------------------------------|-----------------------------------------------|-----------------------|-----------------------|-------------------------|---------------------------------------------|--------------|-------------|-------------|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------|--------------|-------------|---------------------------------------------------------|--------------|-------|--------------------------------------------------------------|------------------------------------------------------------------------|
| | | | | | 6 Male. | 7 Female. | 8 Total. | | | 10 Male. | 11 Female. | 12 Total. | 13 Male. | 14 Female. | 15 Total. | | | |
| NEW HAMPSHIRE— continued. | | | | | | | | | | | | | | | | | | |
| 3367 Portsmouth..... | 10,000 | 2,788 | 1,273 | 5-15 | 846 | 748 | 1,594 | 300 | | (1,406) | 590 | 1,406 | (932) | (803) | 932 | 186.5 | 173,817 | |
| 3368 Rochester..... | 8,000 | 2,549 | 21,164 | 5-15 | 2,728 | 2,731 | 21,457 | 225 | | 523 | | 1,113 | (803) | | 803 | 2171 | 2163,757 | |
| NEW JERSEY. | | | | | | | | | | | | | | | | | | |
| 3369 Atlantic City | 12,000 | 3,459 | 1,670 | 5-18 | (2,643) | 1,765 | 2,643 | 260 | | (1,831) | 380 | 1,831 | (1,297) | 680 | 1,297 | 180 | 233,460 | |
| 3370 Bayonne..... | 14,000 | 5,219 | 2,534 | 5-18 | 2,245 | 1,765 | 4,010 | 400 | | 1,563 | 1,452 | 3,015 | 731 | 680 | 1,411 | 201 | 283,611 | |
| 3371 Bordenstown..... | 6,000 | 1,973 | 1,741 | 5-18 | (1,507) | 1,765 | 1,507 | 250 | | (627) | | 627 | (359) | | 359 | (6) | 68,210 | |
| 3372 Bridgeton *..... | 9,250 | 3,606 | 1,741 | 5-18 | (2,755) | 1,765 | 2,755 | 250 | | (1,749) | | 1,749 | (1,154) | | 1,154 | (6) | 213,260 | |
| 3373 Burlington *..... | 6,000 | 2,333 | 1,136 | 5-18 | (1,798) | 1,765 | 1,798 | 300 | | (970) | | 970 | (506) | | 506 | (6) | 213,260 | |
| 3374 Camden..... | 75,000 | 23,233 | 11,221 | 5-18 | (17,758) | 1,765 | 17,758 | 2,200 | | (10,537) | | 10,537 | 1,815.2 | 3,630.3 | 5,445.5 | 200 | 1,080,091 | |
| 3375 Elizabeth..... | 35,000 | 11,847 | 5,720 | 5-18 | (9,031) | 1,765 | 9,031 | 1,983 | | (4,042) | | 4,042 | (2,870) | | 2,870 | 190 | 545,340 | |
| 3376 Gloucester City..... | 7,000 | 2,364 | 1,141 | 5-18 | (1,806) | 1,765 | 1,806 | 500 | | (966) | | 966 | (622) | | 622 | 203 | 105,966 | |
| 3377 Haddonfield..... | 7,500 | 1,821 | 1,141 | 5-18 | (1,384) | 1,765 | 1,384 | 97 | | (983) | | 983 | (639) | | 639 | 200 | 116,000 | |
| 3378 Harrison..... | 7,500 | 2,992 | 1,447 | 5-18 | 1,186 | 1,100 | 2,286 | 1,000 | | 360 | 380 | 740 | 300 | 280 | 580 | 200 | 280,800 | |
| 3379 Hoboken..... | 45,000 | 17,607 | 8,502 | 5-18 | (13,452) | 1,765 | 13,452 | 1,452 | | (6,077) | | 6,077 | (4,320) | | 4,320 | 200 | 2,025,400 | |
| 3380 Jersey City..... | 185,000 | 75,375 | 36,310 | 5-18 | (57,455) | 561 | 57,455 | 6,000 | | (23,494) | | 23,494 | (14,627) | | 14,627 | 200 | 2,025,400 | |
| 3381 Lambertville *..... | 4,350 | 1,397 | 674 | 5-18 | (506) | 561 | 506 | 230 | | (905) | | 905 | (6339) | | 6339 | 200 | 607,000 | |
| 3382 Long Branch..... | 10,000 | 4,292 | 2,073 | 5-18 | (3,279) | 1,239 | 3,279 | 1,000 | | (1,797) | | 1,797 | (1,183) | | 1,183 | 180 | 223,587 | |
| 3383 Millville *..... | 10,000 | 3,506 | 1,683 | 5-18 | (1,411) | 951 | 1,411 | 1,235 | | 918 | 1,144 | 2,062 | 573 | 864 | 1,437 | 220 | 316,140 | |
| 3384 Montclair..... | 8,000 | 1,847 | 892 | 5-18 | (1,411) | 951 | 1,411 | 476 | | 476 | 527 | 1,003 | 319.1 | 346.8 | 665.9 | 195 | 129,850.5 | |
| 3385 Morrisstown *..... | 6,500 | 2,475 | 1,195 | 5-18 | (1,300) | 951 | 1,300 | 575 | | 474 | 490 | 964 | 351 | 382 | 736 | 200 | 147,200 | |
| 3386 Mount Holly..... | 5,500 | 1,702 | 822 | 5-18 | (1,300) | 951 | 1,300 | 1,235 | | (763) | | 763 | (492.5) | | 492.5 | 202 | 99,485 | |
| 3387 New Brunswick..... | 18,600 | 7,201 | 3,477 | 5-18 | 2,799 | 2,702 | 5,501 | 3,305 | | (2,394) | | 2,394 | (1,701) | | 1,701 | 195 | 349,245 | |
| 3388 Newark..... | 170,000 | 67,443 | 32,561 | 5-18 | (51,519) | 2,702 | 51,519 | 7,931 | | 12,223 | 12,325 | 24,548 | (16,602) | | 16,602 | 190 | 8,151,380 | |

| | | | | | | | | | | | | | | | | | | | |
|--------------------|---------|---------|---------|------|-----------|-----------|--------|---------|--------|---------|---------|--------|--------|-----------|---------|--------|-------|------------|---------|
| Orange..... | 17,000 | 6,495 | 3,125 | 5-18 | 1,451 | (4,962) | 1,580 | 4,962 | 1,700 | 1,042 | 939 | 1,981 | 1,981 | 562 | (1,278) | 593 | 1,278 | 201 | 257,178 |
| Passaic..... | 12,000 | 4,020 | 1,911 | 5-18 | 1,451 | (19,015) | 1,580 | 19,015 | 2,000 | 780 | 824 | 1,568 | 1,568 | (7,157) | 593 | 1,568 | 188 | 1,431,000 | |
| Paterson..... | 80,000 | 24,891 | 12,018 | 5-18 | 1,331 | (1,808) | 1,328 | 1,808 | 440 | 693 | 689 | 1,382 | 1,382 | (7,124) | 648 | 1,382 | 188 | 484,800 | |
| Perth Amboy * | 9,500 | 2,367 | 1,163 | 5-18 | 1,331 | (2,549) | 1,328 | 2,549 | 350 | 782 | 740 | 1,382 | 1,382 | (1,137.5) | 648 | 1,382 | 199 | 252,200 | |
| Phillipsburg..... | 9,500 | 2,367 | 1,163 | 5-18 | 1,331 | (1,763) | 691 | 1,763 | 245 | 782 | 740 | 1,382 | 1,382 | (7,124) | 648 | 1,382 | 190 | 226,362.5 | |
| Plainfield..... | 7,800 | 2,308 | 1,114 | 5-18 | 1,331 | (1,763) | 691 | 1,763 | 245 | 782 | 740 | 1,382 | 1,382 | (7,124) | 648 | 1,382 | 190 | 138,130 | |
| Rahway..... | 7,800 | 2,308 | 1,114 | 5-18 | 1,331 | (1,763) | 691 | 1,763 | 245 | 782 | 740 | 1,382 | 1,382 | (7,124) | 648 | 1,382 | 190 | 142,120 | |
| Salem..... | 6,000 | 1,899 | 917 | 5-18 | 1,331 | (1,763) | 691 | 1,763 | 245 | 782 | 740 | 1,382 | 1,382 | (7,124) | 648 | 1,382 | 193 | 889,680 | |
| Trenton..... | 60,000 | 17,513 | 8,318 | 5-18 | 1,331 | (1,212) | 6,835 | 13,402 | 2,128 | 3,177 | 3,470 | 6,617 | 6,617 | (491) | 2,385 | 4,569 | (b) | 638,250 | |
| Woodbury*..... | 5,000 | 1,586 | 766 | 5-18 | 1,331 | (1,212) | 6,835 | 1,212 | 79 | (854) | 854 | 6,617 | 6,617 | (491) | 2,385 | 4,569 | (b) | 638,250 | |
| NEW YORK. | | | | | | | | | | | | | | | | | | | |
| Albany..... | 103,000 | 37,408 | 17,795 | 5-21 | (35,000) | (270,000) | 31,000 | 35,000 | 5,000 | 6,677 | 6,939 | 13,616 | 13,616 | (9,913) | 274.4 | 9,913 | 189 | 1,863,686 | |
| Albion..... | 5,000 | 1,339 | 649 | 5-21 | (1,232) | (2,000) | 1,112 | 1,232 | 112 | 400 | 456 | 856 | 856 | (242.5) | 274.4 | 516.9 | 188 | 101,062 | |
| Amsterdam..... | 22,000 | 5,214 | 2,468 | 5-21 | (4,879) | (3,625) | 1,879 | 4,879 | 750 | 1,768 | 1,815 | 3,983 | 3,983 | (1,263) | 417 | 2,834 | 192 | 235,125 | |
| Auburn..... | 25,500 | 7,481 | 3,511 | 5-21 | 3,375 | 3,625 | 1,879 | 7,000 | 1,250 | 1,768 | 1,815 | 3,983 | 3,983 | (1,263) | 417 | 2,834 | 192 | 551,207 | |
| Batavia..... | 8,000 | 2,118 | 1,002 | 5-21 | 962 | 1,019 | 530 | 1,981 | 530 | 614 | 618 | 1,232 | 1,232 | (393) | 417 | 810 | 190 | 158,177 | |
| Binghamton..... | 28,030 | 7,733 | 3,660 | 5-21 | 2,878 | 4,339 | 512 | 7,237 | 512 | 2,292 | 2,336 | 4,628 | 4,628 | (1,808) | 808 | 3,577 | 196 | 675,951 | |
| Brooklyn..... | 4,500 | 1,057 | 505 | 5-21 | (998) | (998) | 31,000 | 998 | 31,000 | 53,023 | 52,740 | 63,038 | 63,038 | (2,043) | 298 | 69,617 | 201 | 634,849 | |
| Brooklyn..... | 800,000 | 288,467 | 136,575 | 5-21 | (270,000) | (270,000) | 31,000 | 270,000 | 31,000 | 53,023 | 52,740 | 63,038 | 63,038 | (2,043) | 298 | 69,617 | 201 | 14,028,560 | |
| Buffalo..... | 250,000 | 683,692 | 639,579 | 5-21 | 638,163 | 640,079 | 12,604 | 678,248 | 12,604 | 15,537 | 16,714 | 32,251 | 32,251 | (643.4) | 298 | 20,943 | 194 | 4,062,942 | |
| Canandaigua..... | 6,430 | 1,757 | 830 | 5-21 | (1,611) | (1,611) | 250 | 1,611 | 250 | 464 | 469 | 877 | 877 | (2,043) | 298 | 643.4 | 188 | 120,939.2 | |
| Catskill..... | 5,000 | 1,090 | 518 | 5-21 | (1,090) | (1,090) | 30 | 1,090 | 30 | 428 | 440 | 877 | 877 | (2,043) | 298 | 576 | 205 | 117,679 | |
| Cohoes..... | 22,000 | 9,206 | 4,385 | 5-21 | (3,670) | (3,670) | 1,075 | 8,670 | 1,075 | 2,953 | 3,002 | 2,953 | 2,953 | (768) | 902 | 1,789 | 199 | 356,437 | |
| College Point..... | 5,268 | 2,026 | 962 | 5-21 | (2,038) | (2,038) | 394 | 2,896 | 394 | 250 | 335 | 902 | 902 | (352.9) | 902 | 523.9 | 195 | 102,150.5 | |
| Cortland..... | 8,000 | 1,315 | 1,031 | 5-21 | (2,230) | (2,230) | 300 | 2,230 | 300 | 250 | 335 | 902 | 902 | (352.9) | 902 | 523.9 | 195 | 110,131 | |
| Dansville..... | 5,000 | 1,315 | 1,031 | 5-21 | (2,230) | (2,230) | 300 | 2,230 | 300 | 250 | 335 | 902 | 902 | (352.9) | 902 | 523.9 | 195 | 73,171 | |
| Dunkirk..... | 12,000 | 3,162 | 1,496 | 5-21 | (2,958) | (2,958) | 525 | 2,953 | 525 | 2,256 | 2,263 | 4,519 | 4,519 | (950) | 276 | 950 | 190 | 180,500 | |
| Elmira..... | 26,000 | 6,715 | 3,145 | 5-21 | 3,365 | 3,350 | 708 | 6,715 | 708 | 2,256 | 2,263 | 4,519 | 4,519 | (950) | 276 | 950 | 190 | 644,753 | |
| Flushing..... | 8,000 | 3,065 | 1,450 | 5-21 | (2,867) | (2,867) | 442 | 2,867 | 442 | (980) | (980) | 1,089 | 1,089 | (666) | 666 | 3,306 | 195 | 126,520 | |
| Fulton..... | 5,500 | 1,211 | 573 | 5-21 | 556 | 578 | 1 | 1,134 | 1 | 538 | 744 | 1,089 | 1,089 | (748.6) | 748.6 | 665 | 190 | 126,520 | |
| Geneva..... | 7,000 | 2,097 | 993 | 5-21 | 977 | 985 | 416 | 1,952 | 416 | 953 | 744 | 1,089 | 1,089 | (748.6) | 748.6 | 665 | 190 | 126,520 | |
| Gloversville..... | 10,000 | 2,804 | 1,327 | 5-21 | (2,624) | (2,624) | 35 | 2,624 | 35 | 497 | 451 | 1,965 | 1,965 | (1,302) | 575 | 1,046 | 193 | 201,878 | |
| Green Island..... | 5,000 | 1,325 | 623 | 5-21 | 609 | 643 | 400 | 1,252 | 400 | 497 | 451 | 1,965 | 1,965 | (1,302) | 575 | 1,046 | 193 | 246,092 | |
| Haverstraw..... | 6,000 | 1,710 | 809 | 5-21 | 780 | 820 | 0 | 1,600 | 400 | 550 | 718 | 1,268 | 1,268 | (1,343) | 552 | 571 | 197 | 112,493 | |
| Hosick Falls * | 7,000 | 3,356 | 1,587 | 5-21 | (3,140) | (3,140) | 350 | 3,140 | 350 | (2,224) | (2,224) | 2,224 | 2,224 | (1,343) | 552 | 997 | 185 | 184,423 | |
| Hornellsville..... | 12,000 | 3,955 | 1,872 | 5-21 | (3,700) | (3,700) | 600 | 3,700 | 600 | 720 | 628 | 1,348 | 1,348 | (453.3) | 435.3 | 1,348 | 196 | 280,256 | |
| Hudson..... | 12,000 | 3,955 | 1,872 | 5-21 | (1,125) | (1,125) | 0 | 1,125 | 0 | 379 | 568 | 1,348 | 1,348 | (453.3) | 435.3 | 928.7 | 199 | 184,457 | |
| Ilion*..... | 4,300 | 1,203 | 569 | 5-21 | (2,733) | (2,733) | 400 | 2,733 | 400 | (1,818) | (1,818) | 1,818 | 1,818 | (1,395) | 460 | 754 | 195 | 147,030 | |
| Ithaca..... | 12,000 | 2,922 | 1,383 | 5-21 | (2,733) | (2,733) | 400 | 2,733 | 400 | (1,818) | (1,818) | 1,818 | 1,818 | (1,395) | 460 | 754 | 195 | 147,030 | |
| Janataca*..... | 4,250 | 1,650 | 781 | 5-21 | (1,544) | (1,544) | 256 | 1,544 | 256 | 1,331 | 1,295 | 2,629 | 2,629 | (941) | 941 | 1,910 | 198 | 397,757 | |
| Johnstown..... | 17,000 | 4,412 | 2,102 | 5-21 | (2,019) | (2,019) | 2,019 | 2,019 | 2,019 | 1,331 | 1,295 | 2,629 | 2,629 | (941) | 941 | 1,910 | 198 | 397,757 | |
| Johnstown J..... | 10,000 | 2,158 | 1,021 | 5-21 | (2,019) | (2,019) | 2,019 | 2,019 | 2,019 | 1,331 | 1,295 | 2,629 | 2,629 | (941) | 941 | 1,910 | 198 | 397,757 | |
| Kingston..... | 12,000 | 3,209 | 1,519 | 5-21 | (3,003) | (3,003) | 267 | 3,003 | 267 | 893 | 922 | 1,804 | 1,804 | (615.8) | 615.8 | 1,600 | 185 | 181,669 | |
| Laurensburgh..... | 12,000 | 3,501 | 1,537 | 5-21 | (3,276) | (3,276) | 1,324 | 3,276 | 1,324 | 893 | 922 | 1,804 | 1,804 | (615.8) | 615.8 | 1,600 | 185 | 181,669 | |
| Lansingburgh..... | 8,000 | 2,618 | 1,239 | 5-21 | 1,125 | 1,324 | 400 | 2,419 | 400 | 582 | 708 | 1,290 | 1,290 | (373) | 495 | 869 | 193 | 218,392 | |
| Little Falls..... | 8,000 | 2,618 | 1,239 | 5-21 | 1,125 | 1,324 | 400 | 2,419 | 400 | 582 | 708 | 1,290 | 1,290 | (373) | 495 | 869 | 193 | 218,392 | |
| Lockport..... | 20,000 | 4,810 | 2,276 | 5-21 | (4,500) | (4,500) | 400 | 4,500 | 400 | 1,243 | 1,123 | 2,333 | 2,333 | (883) | 883 | 1,731 | 195 | 325,335 | |

* Statistics for 1887-88.

a In 1887-88.

b These figures refer to the Kingston school district, which embraces only about one-half of the entire city.

c Estimated.

d Schools were open 10 1/2 months.

e 251 children, residents of the village, were instructed in the training school of the State Normal School.

f These figures refer to the Kingston school district, which embraces only about one-half of the entire city.

| | | | | | | | | | | | | | | | | |
|-----------------|----------------|---------|--------|------|----------|---------|--------|---------|---------|-----------|---------|--------|---------|-----------|------------|---------|
| 461 | Sing Sing | 6,000 | 1,957 | 927 | 5-21 | (1,831) | 1,831 | 60 | (1,118) | 6,452 | 5,074 | (788) | 1,118 | 783 | 194 | 152,894 |
| 462 | Syracuse | 27,683 | 13,103 | 9-21 | (23,902) | 25,302 | 2,800 | (422) | 6,525 | 5,124 | 10,194 | 12,977 | 10,194 | 195 | 1,938,610 | |
| 463 | Tarrytown | 421 | 784 | 5-21 | (734) | 734 | 191 | (957) | 300 | (264) | 264 | 422 | 264 | 191 | 50,537 | |
| 464 | Tonawanda* | 6,000 | 2,091 | 9-21 | (1,872) | 1,872 | 300 | (957) | 2,500 | (5,186) | 5,186 | 7,506 | 5,186 | 196 | 106,236 | |
| 465 | Troy | 21,375 | 10,115 | 5-21 | (20,000) | 20,000 | 2,500 | (7,506) | 3,309 | 2,312 | 4,703 | 6,470 | 4,703 | 195 | 917,093 | |
| 466 | Utica* | 15,164 | 7,177 | 5-21 | (7,089) | 7,100 | 1,311 | (831) | 1,159 | (577.8) | 577.8 | 6,470 | 577.8 | 196 | 111,932 | |
| 467 | Waterloo | 1,239 | 586 | 5-21 | (1,159) | 1,159 | 75 | (831) | 1,109 | (1,583.2) | 1,583.2 | 2,303 | 1,583.2 | 192 | 311,571 | |
| 468 | Watertown | 4,350 | 2,059 | 5-21 | (4,070) | 4,070 | 200 | (1,394) | 1,109 | (1,276) | 1,276 | 2,303 | 1,276 | 197 | 250,869 | |
| 469 | West Troy | 4,808 | 2,275 | 5-21 | (4,468) | 4,468 | 4,098 | (858) | 1,612 | (530) | 530 | 858 | 530 | 201.5 | 106,793 | |
| 470 | Whitehall | 1,571 | 744 | 5-21 | (1,470) | 1,470 | 150 | (1,098) | 1,531 | (753) | 753 | 3,173 | 2,158 | 190 | 410,095 | |
| 471 | Xonkers | 9,738 | 4,609 | 5-21 | (9,112) | 9,112 | 1,768 | (1,098) | 1,531 | (753) | 753 | 3,173 | 2,158 | 190 | 410,095 | |
| NORTH CAROLINA. | | | | | | | | | | | | | | | | |
| 472 | Asheville | 10,000 | 2,518 | 6-21 | 975 | 1,160 | 150 | 525 | 570 | 425 | 435 | 1,095 | 860 | 138 | 118,680 | |
| 473 | Durham | 8,000 | 1,446 | 6-21 | 586 | 640 | 80 | 301 | 354 | (501) | 501 | 688 | 501 | 190 | 93,150 | |
| 474 | Fayetteville | 7,000 | 1,471 | 6-21 | 590 | 660 | 525 | 319 | 389 | (700) | 700 | 1,127 | 700 | 175 | 122,500 | |
| 475 | Goldsbrough | 5,500 | 2,293 | 6-21 | (1,945) | 1,945 | 0 | (1,127) | 300 | (340) | 340 | 688 | 340 | 170 | 57,800 | |
| 476 | Greensborough | 5,500 | 1,108 | 6-21 | (940) | 940 | 75 | 250 | 300 | (450) | 450 | 688 | 450 | 160 | 72,000 | |
| 477 | New Bern | 7,500 | 6,768 | 6-21 | 6,700 | 6,800 | 500 | 300 | 350 | (1,535) | 1,535 | 2,534 | 1,535 | 150 | 230,170 | |
| 478 | Raleigh | 17,000 | 5,361 | 6-21 | (2,151) | 2,397 | 4,548 | 1,192 | 1,312 | (374) | 374 | 2,534 | 1,312 | 156 | 58,344 | |
| 479 | Reidsville | 4,000 | 1,552 | 6-21 | (1,316) | 1,316 | 6200 | 590 | 670 | (8312) | 8312 | 1,250 | 8312 | 180 | 61,466,160 | |
| 480 | Winston | 12,000 | 2,356 | 6-21 | (1,998) | 1,998 | ..... | ..... | ..... | ..... | ..... | 1,250 | 8312 | 180 | 61,466,160 | |
| OHIO. | | | | | | | | | | | | | | | | |
| 481 | Akron | 28,500 | 8,874 | 6-21 | 3,871 | 3,836 | 896 | 2,361 | 2,373 | 1,959 | 1,965 | 4,734 | 3,925 | 191 | 749,657 | |
| 482 | Alliance | 8,000 | 2,109 | 6-21 | 915 | 917 | 1,832 | 658 | 692 | 551 | 551 | 1,350 | 1,051 | 187 | 196,537 | |
| 483 | Ashtabula | 7,000 | 1,600 | 6-21 | 755 | 635 | 1,390 | 505 | 440 | 359 | 308 | 945 | 667 | 185 | 123,806 | |
| 484 | Bellaire* | 11,000 | 3,901 | 6-21 | 1,811 | 1,577 | 3,383 | 425 | 943 | 640 | 676 | 1,911 | 1,316 | 174 | 228,984 | |
| 485 | Bellefontaine | 4,500 | 1,298 | 6-21 | 550 | 577 | 1,127 | 401 | 392 | 793 | 320 | 793 | 320 | 185 | 113,940 | |
| 486 | Bucyrus | 6,500 | 1,864 | 6-21 | 799 | 820 | 1,619 | 120 | 565 | 389 | 416 | 1,152 | 803 | 180 | 148,925 | |
| 487 | Canton* | 20,000 | 7,688 | 6-21 | (6,677) | 6,677 | 850 | 587 | 587 | (2,801) | 2,801 | 3,848 | 587 | 200 | 560,200 | |
| 488 | Chillicothe | 13,500 | 4,418 | 6-21 | 1,920 | 1,917 | 3,837 | 961 | 831 | 792.5 | 706.1 | 3,848 | 2,801 | 187 | 280,238 | |
| 489 | Cincinnati | 350,000 | 89,780 | 6-21 | 39,385 | 38,568 | 16,221 | 18,824 | 17,494 | 14,531 | 13,533 | 28,064 | 190 | 5,332,160 | | |
| 490 | Cincinnati | 8,000 | 2,631 | 6-21 | 1,150 | 1,135 | 2,285 | 562 | 596 | 1,158 | 1,158 | 1,583 | 755.1 | 192 | 615,020 | |
| 491 | Cleveland | 283,000 | 72,750 | 6-21 | 32,155 | 31,038 | 63,193 | 14,013 | 17,123 | 35,363 | 15,121 | 14,790 | 29,901 | 182 | 5,740,950 | |
| 492 | Columbus | 84,279 | 24,533 | 6-21 | 13,022 | 12,626 | 3,769 | 5,605 | 5,920 | 4,485 | 4,696 | 11,325 | 9,181 | 173 | 1,675,650 | |
| 493 | Dayton | 60,000 | 17,800 | 6-21 | 8,712 | 7,671 | 15,466 | 3,534 | 3,651 | 3,156.4 | 2,842.8 | 7,605 | 5,999.2 | 200 | 1,190,840 | |
| 494 | Defiance | 8,000 | 62,504 | 6-21 | 61,142 | 61,033 | 62,175 | 500 | 482 | 1,010 | 405 | 1,010 | 386 | 186 | 143,262 | |
| 495 | Delaware* | 6,500 | 2,518 | 6-21 | (2,187) | 2,187 | 1,837 | (1,627) | 416 | 373 | 311 | 1,627 | 1,123 | 185 | 207,755 | |
| 496 | Delphos* | 5,000 | 1,828 | 6-21 | 764 | 821 | 1,538 | 452 | 416 | 593 | 593 | 1,911 | 686 | 180 | 193,480 | |
| 497 | East Liverpool | 10,565 | 3,603 | 6-21 | 1,693 | 1,526 | 3,129 | 977 | 943 | 593 | 617 | 1,911 | 1,202 | 179 | 215,163 | |
| 498 | Elyria | 5,000 | 1,866 | 6-21 | 1,770 | 1,851 | 325 | 463 | 480 | 370 | 383 | 1,945 | 763 | 183 | 347,259 | |
| 499 | Findlay* | 13,000 | 2,843 | 6-21 | 1,234 | 1,235 | 2,469 | 362 | 356 | 576 | 566 | 1,142 | 380 | 180 | 205,560 | |
| 500 | Fostoria | 7,000 | 61,737 | 6-21 | 6772 | 6784 | 6600 | 581 | 611 | 370 | 383 | 1,945 | 763 | 183 | 347,259 | |
| 501 | Fremont | 10,000 | 2,219 | 6-21 | 975 | 950 | 400 | 521 | 527 | 441 | 466 | 907 | 823 | 172 | 141,556 | |
| 502 | Gallion | 6,500 | 2,653 | 6-21 | 975 | 950 | 400 | 521 | 527 | 441 | 466 | 907 | 823 | 172 | 141,556 | |
| 503 | Gallipolis | 5,000 | 2,181 | 6-21 | 932 | 965 | 200 | 580 | 585 | 434 | 503 | 995 | 995 | 193 | 186,722 | |
| 504 | Greenville* | 4,000 | 1,429 | 6-21 | (1,241) | 1,241 | 50 | 544 | 585 | 354 | 441 | 1,219 | 828 | 171 | 141,588 | |
| 505 | Greenville* | 4,000 | 1,429 | 6-21 | (1,241) | 1,241 | 50 | 544 | 585 | 354 | 441 | 1,219 | 828 | 171 | 141,588 | |

*The colored schools were in session 180 days.

b In 1887-88.

a Estimated.

*Statistics of 1887-88.

TABLE 14.—Statistics for 1888-89 of population, and school enrollment and attendance in cities and villages containing over 4,000 inhabitants—Continued.

| City. | Total population (estimated) in 1888. | Population 4-21. | Population 6-14. | School-census age. | Number of children of school-census age. | | | Estimated number of pupils in private and parochial schools who did not attend the public schools during the year. | Number of different pupils enrolled in all public day schools. | | | Average daily attendance in public day schools. | | | Number of days public schools were actually taught. | Total attendance in days of all pupils in public day schools. |
|-------------------------|---------------------------------------|------------------|------------------|--------------------|------------------------------------------|---------|--------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------|--------|-------------------------------------------------|---------|--------|-----------------------------------------------------|---------------------------------------------------------------|
| | | | | | Male. | Female. | Total. | | Male. | Female. | Total. | Male. | Female. | Total. | | |
| | | | | | | | | | | | | | | | 6 | 7 |
| OHIO—continued. | | | | | | | | | | | | | | | | |
| 505 Hamilton..... | 16,000 | 9,087 | 2,979 | 6-21 | 2,672 | 2,615 | 5,287 | 901 | 1,077 | 1,119 | 2,196 | 851 | 919 | 1,770 | 191 | 338,070 |
| 506 Kenton..... | 13,000 | 4,018 | 1,966 | 6-21 | 1,757 | 1,733 | 3,490 | 300 | 935 | 1,120 | 2,115 | 769 | 861 | 1,630 | 184 | 299,920 |
| 507 Kenton*..... | 4,200 | 1,614 | 791 | 6-21 | 1,757 | 1,733 | 3,490 | ..... | 935 | 1,120 | 2,115 | 769 | 861 | 1,630 | 184 | 299,920 |
| 508 Lancaster..... | 8,000 | 2,253 | 1,093 | 6-21 | 1,403 | 1,395 | 2,798 | ..... | 621 | 1,045 | 1,666 | 494.3 | 470.9 | 965.2 | 100 | 183,388 |
| 509 Lima..... | 17,000 | 4,039 | 1,977 | 6-21 | 1,811 | 1,697 | 3,508 | 230 | 1,032 | 1,080 | 2,112 | 801 | 808 | 1,609 | 174 | 279,965 |
| 510 Mansfield*..... | 10,500 | 4,132 | 2,022 | 6-21 | 1,811 | 1,697 | 3,508 | 200 | 1,032 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 346,320 |
| 511 Marietta..... | 6,000 | 2,176 | 1,065 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 174,218 |
| 512 Martin..... | 4,750 | 1,906 | 1,033 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 133,920 |
| 513 Martin's Ferry..... | 7,300 | 2,211 | 1,082 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 139,425 |
| 514 Massillon*..... | 10,000 | 3,828 | 1,974 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 180 |
| 515 Middletown..... | 8,500 | 2,481 | 1,214 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 255,000 |
| 516 Mount Vernon*..... | 8,500 | 1,944 | 1,214 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 134,000 |
| 517 Mount Vernon*..... | 8,500 | 1,944 | 1,214 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 134,000 |
| 518 Newark..... | 15,000 | 4,411 | 2,174 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 174,000 |
| 519 Nelsonville..... | 10,000 | 2,691 | 1,317 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 185,540 |
| 520 Norwalk..... | 10,000 | 2,691 | 1,317 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 335,517 |
| 521 Palmyra..... | 5,000 | 1,291 | 632 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 182,084 |
| 522 Piquette..... | 8,000 | 2,009 | 1,331 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 104,036 |
| 523 Piquette..... | 8,000 | 2,009 | 1,331 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 144,800 |
| 524 Portsmouth..... | 15,000 | 4,791 | 2,345 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 137,880 |
| 525 Salem..... | 4,750 | 1,840 | 901 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 291,834 |
| 526 Sandusky..... | 23,000 | 7,103 | 3,476 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 141,170 |
| 527 Sidney..... | 5,400 | 1,734 | 849 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 495,000 |
| 528 Springfield*..... | 35,000 | 10,517 | 5,147 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 327,756 |
| 529 Steubenville..... | 35,000 | 5,046 | 2,469 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 197,825 |
| 530 Tiffin..... | 12,000 | 3,265 | 1,598 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 1,552,400 |
| 531 Toledo..... | 90,000 | 28,108 | 13,757 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 1,552,400 |
| 532 Troy..... | 5,316 | 1,447 | 709 | 6-21 | 1,811 | 1,697 | 3,508 | ..... | 935 | 1,080 | 2,140 | 801 | 808 | 1,609 | 174 | 127,145 |

| | | | | | | | | | | | | | | | | | |
|---------------|-----------------------|---------|-------|-------|-------|---------|---------|-------|-------|---------|-------|--------|-----------|---------|---------|-------|------------|
| 532 | Urban*..... | 6,500 | 2,196 | 1,074 | 6-21 | 979 | 928 | 1,907 | 200 | 548 | 543 | 1,691 | 394 | 401 | 795 | 182 | 144,060 |
| 533 | Van Wert..... | 6,000 | 1,858 | 909 | 6-21 | 778 | 886 | 1,614 | ..... | 592 | 681 | 1,273 | 433 | 525 | 958 | 175 | 164,983 |
| 534 | Warren*..... | 6,600 | 2,202 | 1,078 | 6-21 | 697 | (1,912) | 1,912 | ..... | (1,147) | 553 | 1,084 | 400 | (868) | 868 | 190 | 164,920 |
| 535 | Washington, C. H..... | 6,000 | 1,605 | 1,099 | 6-21 | 697 | 697 | 1,394 | 10 | 531 | 553 | 1,084 | 400 | 412 | 812 | 180 | 146,160 |
| 536 | Wooster*..... | 6,800 | 2,245 | 1,099 | 6-21 | 697 | (1,950) | 1,950 | 1,400 | (1,298) | 701 | 1,298 | 502 | (1,051) | 1,054 | 210 | 210,800 |
| 537 | Xenia*..... | 10,000 | 2,708 | 1,325 | 6-21 | 1,213 | 1,139 | 2,352 | 250 | 669 | 701 | 1,400 | 502 | 528 | 1,020 | 193 | 198,790 |
| 538 | Youngstown..... | 25,000 | 9,308 | 4,661 | 6-21 | (8,084) | ..... | 8,084 | 1,500 | 2,020 | 2,010 | 4,030 | 1,522 | 1,518 | 3,400 | 619 | 657,600 |
| 539 | Zanesville*..... | 17,800 | 7,091 | 3,461 | 6-21 | (6,159) | ..... | 6,159 | ..... | (2,984) | ..... | 2,984 | (2,457) | ..... | 2,457 | 190 | 466,830 |
| OREGON. | | | | | | | | | | | | | | | | | |
| 540 | Astoria..... | 8,000 | 2,133 | 1,675 | 4-20 | 1,725 | 1,675 | 1,300 | 40 | 4408 | 381 | 4,789 | 2,233 | 2,216 | 4,419 | 200 | 689,800 |
| 541 | Portland..... | 37,000 | 8,667 | 4,232 | 4-20 | 3,899 | 4,314 | 8,146 | 1,135 | 2,122 | 2,440 | 4,562 | (3,213.4) | ..... | 3,213.4 | 189 | 607,333 |
| 542 | Salem..... | 6,500 | 2,459 | 1,201 | 4-20 | 1,111 | 1,200 | 2,311 | 275 | 552 | 489 | 1,041 | 335 | 262 | 597 | 188 | 112,236 |
| PENNSYLVANIA. | | | | | | | | | | | | | | | | | |
| 543 | Allegheny..... | 102,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | 4,000 | 7,629 | 7,842 | 15,471 | 6,114 | 6,268 | 12,382 | (c) | 62,352,580 |
| 544 | Allentown..... | 25,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | 250 | 2,117 | 2,039 | 4,156 | 1,719 | 1,789 | 3,109 | 1,925 | 593,583 |
| 545 | Altoona..... | 30,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | 300 | 2,458 | 2,536 | 4,994 | 527 | ..... | 3,508 | 180 | 631,440 |
| 546 | Ashland..... | 7,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | 25 | 729 | 729 | 1,458 | 527 | 499 | 1,026 | 180 | 181,680 |
| 547 | Beaver Falls..... | 9,500 | ..... | ..... | d6-21 | ..... | ..... | ..... | 100 | 820 | 934 | 1,754 | 602 | 671 | 1,273 | 160 | 203,680 |
| 548 | Bellefonte..... | 5,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | 100 | 345 | 395 | 740 | 271 | 319 | 590 | 160 | 94,400 |
| 549 | Bethlehem*..... | 8,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | 250 | 490 | 405 | 955 | 360 | 336 | 696 | 138 | 137,808 |
| 550 | Bloomsburg*..... | 5,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | ..... | 363 | 344 | 707 | ..... | ..... | 514 | (e) | 677,100 |
| 551 | Bradford*..... | 7,000 | 1,229 | 605 | d6-21 | 490 | 575 | 1,005 | 350 | 398 | 598 | 995 | 358 | 528 | 886 | 180 | 169,480 |
| 552 | Bradford..... | 11,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | 250 | 969 | 1,038 | 2,007 | 712 | 784 | 1,496 | 180 | 269,280 |
| 553 | Bristol..... | 271 | ..... | ..... | d6-21 | ..... | ..... | ..... | 225 | 337 | 333 | 740 | ..... | ..... | 464 | 200 | 92,800 |
| 554 | Butler..... | 8,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | 200 | 805 | 776 | 1,581 | 526.5 | 514.5 | 1,041 | 160 | 164,696 |
| 555 | Carlisle*..... | 12,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | 200 | 918 | 987 | 1,905 | (1,221) | ..... | 1,221 | 200 | 224,400 |
| 556 | Caselle..... | 7,200 | ..... | ..... | d6-21 | ..... | ..... | ..... | 50 | 523 | 552 | 1,085 | ..... | ..... | 968 | 200 | 193,600 |
| 557 | Chambersburg..... | 9,500 | ..... | ..... | d6-21 | ..... | ..... | ..... | 100 | 743 | 752 | 1,495 | 650 | 660 | 1,310 | 180 | 235,800 |
| 558 | Chester..... | 20,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | 300 | 1,568 | 1,630 | 3,198 | 1,094 | 1,139 | 2,233 | 198 | 442,134 |
| 559 | Columbia..... | 10,000 | 2,475 | 1,216 | 6-21 | 1,030 | 1,105 | 2,145 | 125 | ..... | ..... | 1,152 | 349 | 383 | 722 | 160 | 239,870 |
| 560 | Connellsville..... | 5,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | 400 | 1,030 | 1,630 | 1,630 | ..... | ..... | 732 | 160 | 117,120 |
| 561 | Conshohocken..... | 8,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | 600 | 333 | 353 | 686 | 214 | 261 | 475 | 200 | 95,000 |
| 562 | Corry..... | 7,500 | ..... | ..... | d6-21 | ..... | ..... | ..... | 300 | 553 | 568 | 1,121 | ..... | ..... | 840 | 180 | 151,200 |
| 563 | Danville..... | 8,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | 50 | 626 | 675 | 1,314 | 408 | 422 | 1,063 | 172 | 182,836 |
| 564 | Du Bois..... | 7,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | ..... | 626 | 573 | 1,199 | 516 | 687 | 1,825 | 140 | 115,500 |
| 565 | Dunmore..... | 8,500 | 2,124 | 1,070 | 6-21 | 834 | 1,007 | 1,811 | 50 | 734 | 907 | 1,611 | ..... | ..... | 1,203 | 200 | 210,600 |
| 566 | Eaton*..... | 16,000 | ..... | ..... | d5-21 | ..... | ..... | ..... | 1,800 | 1,222 | 1,203 | 2,425 | 1,989 | 2,014 | 1,876 | (c) | 650,440 |
| 567 | Erie..... | 36,000 | ..... | ..... | d5-21 | ..... | ..... | ..... | ..... | 2,654 | 2,620 | 5,274 | 1,989 | 2,014 | 4,003 | 4138 | 677,579 |
| 568 | Franklin*..... | 8,000 | ..... | ..... | d5-21 | ..... | ..... | ..... | 25 | 678 | 732 | 1,410 | ..... | ..... | 1,163 | (f) | 620,110 |
| 569 | Greenville..... | 4,500 | ..... | ..... | d6-21 | ..... | ..... | ..... | 600 | 3,167 | 3,416 | 6,613 | 362 | 375 | 737 | 160 | 110,356 |
| 570 | Harrisburg..... | 40,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | 25 | 449 | 454 | 963 | 2,113 | 2,293 | 4,066 | 136 | 860,468 |
| 571 | Hazleton..... | 12,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | 440 | 849 | 889 | 1,738 | 285 | 283 | 1,294 | 179 | 231,625 |
| 572 | Honesdale..... | 4,600 | 921 | 451 | 6-21 | 400 | 398 | 798 | 90 | 305 | 375 | 680 | 505 | 525 | 568 | 180 | 94,106 |
| 573 | Huntington..... | 5,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | ..... | 550 | 590 | 1,140 | ..... | ..... | 1,030 | 170 | 175,160 |
| 574 | Johnstown*..... | 10,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | ..... | 897 | 979 | 1,876 | ..... | ..... | 1,426 | 180 | 256,680 |
| 575 | Lancaster..... | 30,000 | ..... | ..... | d6-21 | ..... | ..... | ..... | 500 | 2,466 | 2,458 | 4,924 | (3,184) | ..... | 3,184 | 200 | 636,800 |

* Statistics of 1887-88. a In 1887-88. b Estimated. c The schools were taught 10 months. d Legal school age. e The schools were taught 8 months.

f The schools were taught 9 months. g The schools were taught 10 months.

TABLE 14.--Statistics for 1888-89 of population, and school enrollment and attendance in cities and villages containing over 4,000 inhabitants--Continued.

| City. | Total population (estimated) in 1888. | Population 4-21. | Population 6-14. | School-census age. | Number of children of school-census age. | | | Estimated number of pupils in private and parochial schools who did not attend the public schools during the year. | Number of different pupils enrolled in all public day schools. | | | Average daily attendance in public day schools. | | | Number of days public schools were actually taught. | Total attendance in days of all pupils in public day schools. |
|-------------------------|---------------------------------------|------------------|------------------|--------------------|------------------------------------------|---------|--------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------|---------|-------------------------------------------------|----------|--------|-----------------------------------------------------|---------------------------------------------------------------|
| | | | | | Male. | Female. | Total. | | Male. | Female. | Total. | Male. | Female. | Total. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| PENNSYLVANIA—continued. | | | | | | | | | | | | | | | | |
| 576 Lebanon* | 18,000 | 2,860 | 1,408 | 6-21 | 1,170 | 1,308 | 2,478 | 350 | 970 | 1,108 | 2,078 | 897 | 950 | 1,847 | 180 | 332,460 |
| 577 Lock Haven | 8,000 | | | 6-21 | | | | 200 | 635 | 705 | 1,340 | 574 | 650 | 1,224 | (a) | 6183,600 |
| 578 McKeesport | 20,000 | | | 6-21 | | | | 300 | 1,340 | 1,333 | 2,673 | 574 | 650 | 1,224 | (a) | 375,900 |
| 579 Mahanoy City | 11,000 | | | 6-21 | | | | 100 | 909 | 838 | 1,747 | 640 | 642 | 1,282 | 180 | 230,760 |
| 580 Mauch Chunk* | 4,000 | | | 6-21 | | | | | 334 | 272 | 606 | 707 | 805 | 1,512 | (d) | 6100,320 |
| 581 Meadville | 12,000 | | | 6-21 | | | | 400 | 899 | 953 | 1,852 | 707 | 805 | 1,512 | 180 | 272,160 |
| 582 Mechanicsburgh | 4,000 | | | 6-21 | | | | 0 | 255 | 305 | 560 | 210 | 260 | 470 | 175 | 82,250 |
| 583 Middletown | 6,000 | | | 6-21 | | | | | 439 | 394 | 833 | 321 | 303 | 624 | (a) | 697,950 |
| 584 Monongahela | 4,500 | | | 6-21 | | | | 25 | 444 | 444 | 888 | 321 | 303 | 624 | 160 | 99,840 |
| 585 Nanticoke | 11,000 | | | 6-21 | 61,000 | 61,000 | 62,000 | 250 | 698 | 817 | 1,515 | 504 | 629 | 1,133 | 180 | 203,940 |
| 586 New Brighton* | 5,000 | | | 6-21 | 61,000 | 61,000 | 62,000 | 100 | 470 | 575 | 1,045 | 338 | 412 | 750 | 180 | 135,000 |
| 587 New Castle | 16,000 | | | 6-21 | | | | 600 | 1,056 | 1,086 | 2,142 | 745 | 875 | 1,620 | 180 | 291,600 |
| 588 Norristown | 18,000 | | | 6-21 | | | | 350 | 1,297 | 1,207 | 2,504 | 905 | 886 | 1,791 | 200 | 358,200 |
| 589 Oil City* | 14,000 | | | 6-21 | | | | | 1,014 | 1,031 | 2,045 | (1,524) | | 1,524 | (e) | 6258,880 |
| 590 Philadelphia | 1,182,175 | | | 6-17 | | | | 25,500 | 55,817 | 57,848 | 163,206 | (96,616) | (96,616) | 96,616 | 205 | 19,806,280 |
| 591 Phoenixville | 8,000 | 2,058 | 1,013 | 6-21 | 879 | 904 | 1,782 | 20 | 679 | 704 | 1,383 | 498 | 549 | 1,047 | 180 | 188,460 |
| 592 Pittsburgh | 290,000 | | | 6-21 | | | | 12,000 | 14,820 | 15,046 | 29,866 | 10,986 | 10,766 | 21,752 | 200 | 4,350,400 |
| 593 Pitston | 12,000 | | | 6-21 | | | | 700 | 542 | 639 | 1,181 | 415 | 489 | 904 | 180 | 162,720 |
| 594 Plymouth | 12,000 | | | 6-21 | | | | 450 | 655 | 797 | 1,452 | 445 | 532 | 977 | 160 | 156,320 |
| 595 Pottstown | 14,000 | | | 6-21 | | | | | 1,041 | 999 | 2,040 | 760 | 785 | 1,545 | 200 | 304,200 |
| 596 Pottsville | 14,000 | | | 6-21 | | | | 200 | 1,348 | 1,119 | 2,467 | (1,797) | | 1,797 | 200 | 359,400 |
| 597 Reading | 65,000 | | | 6-21 | | | | 1,100 | 3,788 | 3,831 | 7,619 | 3,071 | 3,160 | 6,231 | 200 | 1,246,200 |
| 598 Renovo | 4,000 | | | 6-21 | | | | | 304 | 306 | 610 | (418) | (418) | 836 | (a) | 167,200 |
| 599 St. Clair* | 4,500 | | | 6-21 | | | | | 367 | 389 | 756 | 431 | 431 | 862 | (e) | 673,720 |
| 600 Scranton | 90,000 | | | 6-21 | | | | 2,500 | 5,108 | 5,522 | 10,630 | 5,059 | 3,688 | 8,747 | 195 | 1,705,665 |

TABLE 14.—Statistics for 1888-89 of population, and school enrollment and attendance in cities and villages containing over 4,000 inhabitants—Continued.

| City. | 2 | 3 | 4 | 5 | Number of children of school-census age. | | | Estimated number of pupils in private and parochial schools who did not attend the public schools during the year. | Number of different pupils enrolled in all public day schools. | | | Average daily attendance in public day schools. | | Number of days public schools were actually taught. | Total attendance in days of all pupils in public day schools. | |
|----------------------|--------|--------|--------|-------|------------------------------------------|---------|--------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------|--------|-------------------------------------------------|---------|-----------------------------------------------------|---------------------------------------------------------------|-----------|
| | | | | | Male. | Female. | Total. | | Male. | Female. | Total. | Male. | Female. | | | Total. |
| TEXAS—continued. | | | | | | | | | | | | | | | | |
| Dallas | 43,000 | 14,800 | 7,645 | 8-16 | (6,797) | 912 | 6,797 | 200 | 743 | 821 | 3,266 | (1,833) | 245 | 1,833 | 175 | 175,346 |
| Denison | 16,000 | 3,722 | 1,922 | 8-16 | 797 | 457 | 1,709 | 45 | 418 | 423 | 1,564 | (1,002) | ..... | 1,002 | 181 | 91,767 |
| El Paso | 12,000 | 1,990 | 1,028 | 8-16 | 457 | 457 | 914 | 350 | 1,218 | 1,219 | 2,437 | (1,746) | ..... | 1,746 | 180 | 314,280 |
| Fort Worth | 22,500 | 5,400 | 2,802 | 7-18 | 1,610 | 1,676 | 3,286 | 2,000 | 2,029 | 2,033 | 4,062 | (2,097) | 1,538 | 3,015 | 169 | 500,354 |
| Galveston | 47,348 | 20,386 | 10,630 | 8-16 | (9,362) | 2,836 | 9,362 | 300 | 1,503 | 1,619 | 3,122 | (2,097) | ..... | 3,097 | 174 | 364,878 |
| Houston | 40,000 | 12,095 | 6,243 | 8-16 | 2,714 | 2,836 | 5,550 | ..... | (1,118) | ..... | 1,118 | (725) | ..... | 725 | 100 | 72,500 |
| Marshall | 10,000 | 3,267 | 1,657 | 8-16 | (1,500) | ..... | 1,500 | ..... | (1,118) | ..... | 1,118 | (725) | ..... | 725 | 100 | 72,500 |
| Palestine | 7,000 | 2,618 | 853 | 8-16 | 625 | 628 | 1,253 | 150 | 810 | 845 | 1,555 | (2,000) | 616 | 1,117 | 180 | 201,060 |
| Paris | 12,000 | 5,422 | 2,827 | 8-16 | 1,260 | 1,253 | 2,513 | 250 | 810 | 845 | 1,555 | (2,000) | 616 | 1,117 | 180 | 201,060 |
| San Antonio | 55,000 | 21,855 | 11,290 | 8-16 | (10,037) | ..... | 10,037 | 650 | 573 | 650 | 3,594 | (903) | ..... | 3,594 | 200 | 400,266 |
| Sherman | 11,500 | 3,375 | 1,743 | 8-16 | (1,550) | ..... | 1,550 | ..... | 573 | 650 | 1,223 | (903) | ..... | 1,223 | 180 | 162,622 |
| Waco | 23,000 | 9,273 | 2,662 | 7-18 | 1,548 | 1,583 | 3,136 | ..... | 126 | 1,160 | 2,286 | (1,350) | ..... | 1,350 | 180 | 624,000 |
| UTAH. | | | | | | | | | | | | | | | | |
| Logan | 5,000 | 1,660 | 834 | 6-18 | 550 | 622 | 1,172 | 75 | 391 | 313 | 704 | (285) | ..... | 285 | 194 | 55,290 |
| Ogden City | 19,470 | 3,726 | 1,873 | 6-18 | 1,391 | 1,239 | 2,630 | 700 | 528 | 453 | 985 | (676) | 144 | 676 | 195 | 131,820 |
| Provo City | 5,400 | 1,739 | 870 | 6-18 | 582 | 639 | 1,221 | 225 | 407 | 396 | 803 | 153 | ..... | 297 | ..... | 437,500 |
| Salt Lake City | 30,000 | ..... | ..... | 6-18 | ..... | ..... | ..... | 1,500 | 1,800 | 1,700 | 3,500 | 1,300 | 1,200 | 2,600 | 175 | 437,500 |
| VERMONT. | | | | | | | | | | | | | | | | |
| Bennington * | 4,500 | ..... | ..... | 5-20 | ..... | ..... | ..... | 200 | (595) | ..... | 595 | (467) | ..... | 467 | 195 | 91,065 |
| Brattleborough | 6,500 | 1,203 | 578 | 5-19 | 486 | 504 | 990 | 175 | 360 | 375 | 735 | (685) | ..... | 685 | 177 | 123,345 |
| Burlington | 15,000 | 3,072 | 1,476 | 5-18 | (2,344) | ..... | 2,344 | 1,452 | (1,757) | ..... | 1,757 | (1,183) | ..... | 1,183 | 200 | 200,197.5 |
| Rutland | 13,000 | 5,884 | 2,827 | 8-14 | (2,110) | ..... | 2,110 | 400 | (1,054) | ..... | 1,054 | (906) | ..... | 906 | 190 | 172,150 |
| St. Albans * | 5,000 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | (839) | ..... | 839 | ..... | ..... | 839 | 190 | ..... |

| 660 | St. Johnsbury c. | 4,500 | ..... | ..... | ..... | ..... | ..... | 330 | (400) | 460 | (403) | 403 | 205 | 88,587 |
|----------------|-----------------------|--------|--------|--------|-------|---------|--------|--------|---------|--------|-----------|---------|-------|-----------|
| VIRGINIA. | | | | | | | | | | | | | | |
| 661 | Alexandria..... | 17,000 | 5,234 | 2,605 | 5-21 | 2,575 | 2,271 | 4,816 | 902 | 1,666 | 706 | 1,286 | 193 | 243,198 |
| 662 | Danville..... | 8,500 | 3,338 | 1,719 | 5-21 | (3,089) | 830 | 3,089 | (1,423) | 1,423 | (919) | 919 | 184 | 169,066 |
| 663 | Fredericksburgh..... | 5,800 | 1,718 | 885 | 5-21 | 760 | 830 | 1,590 | (847) | 847 | (671.1) | 671.1 | 188 | 126,166.8 |
| 664 | Fredericksburgh*..... | 18,300 | 6,794 | 3,490 | 5-21 | 3,089 | 3,201 | 6,290 | 1,410 | 3,093 | (2,377) | 2,377 | 193 | 428,761 |
| 665 | Manchester..... | 6,800 | 2,696 | 1,389 | 5-21 | (2,496) | 7,430 | 2,456 | (1,063) | 1,063 | (680) | 680 | 120 | 140,400 |
| 666 | Norfolk..... | 29,000 | 8,026 | 4,133 | 5-21 | 67,331 | 67,331 | 67,331 | (2,455) | 2,455 | (1,702.5) | 1,702.5 | 189 | 321,772.5 |
| 667 | Petersburgh..... | 25,000 | 67,918 | 44,078 | 5-21 | 63,569 | 63,762 | 67,331 | 1,456 | 3,191 | (1,702.5) | 1,702.5 | 185 | 430,125 |
| 668 | Portsmouth..... | 13,000 | 3,580 | 1,844 | 5-21 | (3,315) | 8,954 | 3,315 | (1,509) | 1,509 | (1,087) | 1,087 | 200 | 207,400 |
| 669 | Richmond..... | 85,000 | 23,415 | 12,059 | 5-21 | 12,725 | 8,954 | 21,679 | 4,549 | 11,371 | (1,687) | 1,687 | 181 | 1,697,399 |
| 670 | Roanoke..... | 4,000 | 1,472 | 756 | 5-21 | (1,366) | 957 | 1,366 | (1,700) | 1,700 | (811) | 811 | 160 | 129,760 |
| 671 | Staunton..... | 8,000 | 2,082 | 1,072 | 5-21 | 970 | 900 | 1,927 | 553 | 1,130 | 488.9 | 488.9 | d180 | 148,456 |
| 672 | Winchester *..... | 5,000 | 1,901 | 979 | 5-21 | 860 | 900 | 1,760 | 400 | 786 | 300 | 267 | 150 | 106,039 |
| WASHINGTON. | | | | | | | | | | | | | | |
| 673 | Seattle..... | 26,740 | 7,233 | 3,618 | 5-21 | 3,550 | 3,139 | 6,689 | 1,547 | 2,948 | (1,762) | 1,762 | ..... | ..... |
| 674 | Spokane Falls..... | 15,000 | 1,925 | 964 | 5-21 | 950 | 831 | 1,781 | 783 | 1,533 | (787) | 787 | 200 | 157,400 |
| 675 | Tacoma..... | 15,000 | 2,313 | 1,157 | 5-21 | 1,081 | 1,058 | 2,139 | 1,192 | 2,294 | 645 | 594 | 200 | 247,725 |
| 676 | Walla Walla..... | 7,500 | 2,125 | 1,063 | 5-21 | (1,965) | 1,965 | 1,965 | (1,119) | 1,119 | (538) | 538 | 200 | 107,500 |
| WEST VIRGINIA. | | | | | | | | | | | | | | |
| 677 | Charleston..... | 7,500 | 2,100 | 1,085 | 6-21 | (1,800) | 675 | 1,800 | 578 | 1,173 | 387 | 396 | 176 | 137,308 |
| 678 | Grafton..... | 4,200 | 1,516 | 783 | 6-21 | 625 | 675 | 1,300 | 400 | 900 | 300 | 350 | 160 | 104,000 |
| 679 | Martinsburgh..... | 8,000 | 2,503 | 1,293 | 6-21 | 1,121 | 1,025 | 2,146 | 677 | 1,338 | 593 | 587 | 190 | 224,200 |
| 680 | Parkersburgh..... | 12,000 | 2,857 | 1,475 | 6-21 | 1,160 | 1,289 | 2,449 | 878 | 1,861 | 685 | 586 | 192 | 244,032 |
| 681 | Wheeling..... | 31,578 | 11,540 | 5,959 | 6-21 | 4,936 | 4,957 | 9,893 | 2,590 | 5,183 | 1,959 | 2,039 | 200 | 799,000 |
| WISCONSIN. | | | | | | | | | | | | | | |
| 682 | Appleton..... | 12,000 | 4,530 | 2,123 | 4-20 | 1,960 | 2,260 | 4,220 | 1,098 | 2,119 | 725 | 901 | 172 | 279,672 |
| 683 | Baraboo..... | 5,000 | 1,311 | 649 | 4-20 | 575 | 693 | 1,268 | 478 | 1,050 | (715) | 715 | 176 | 126,883.5 |
| 684 | Beaver Dam..... | 4,500 | 1,791 | 867 | 4-20 | 819 | 874 | 1,693 | 371 | 1,734 | (575) | 575 | 200 | 115,000 |
| 685 | Beloit..... | 6,000 | 1,661 | 805 | 4-20 | 757 | 816 | 1,573 | 380 | 1,183 | (794.8) | 794.8 | 190 | 147,706 |
| 686 | Berlin..... | 4,400 | 1,481 | 717 | 4-20 | 697 | 763 | 1,400 | 425 | 867 | (587.7) | 587.7 | 180 | 103,784 |
| 687 | Chippewa Falls..... | 13,000 | 2,614 | 1,265 | 4-20 | 1,183 | 1,283 | 2,471 | (1,051) | 1,051 | (767) | 767 | 180 | 130,976 |
| 688 | Eau Claire..... | 25,000 | 5,511 | 2,667 | 4-20 | 2,569 | 2,642 | 5,211 | (3,079) | 3,079 | (1,844) | 1,844 | 180 | 331,905 |
| 689 | Fond du Lac..... | 14,000 | 5,729 | 2,514 | 4-20 | 2,460 | 2,451 | 4,911 | 600 | 2,226 | (1,683) | 1,683 | 196 | 330,016 |
| 690 | Port Howard..... | 9,000 | 1,616 | 782 | 4-20 | 747 | 781 | 1,523 | 300 | 816 | (520) | 520 | 190 | 98,805 |
| 691 | Green Bay..... | 2,899 | 1,360 | 660 | 4-20 | 1,353 | 1,303 | 2,656 | 300 | 1,239 | 465 | 424 | 197 | 175,133 |
| 692 | Janesville..... | 12,000 | 64,292 | 2,077 | 4-20 | 62,038 | 62,020 | 64,292 | 300 | 1,667 | 597 | 618 | 190 | 230,850 |
| 693 | Kenosha..... | 7,500 | 2,005 | 949 | 4-20 | 979 | 897 | 1,876 | 354 | 712 | (6453) | 6453 | d150 | 689,017 |
| 694 | La Crosse..... | 28,148 | 8,168 | 3,953 | 4-20 | 3,769 | 3,953 | 7,722 | 2,261 | 4,589 | 1,527 | 1,484 | 196 | 591,617 |
| 695 | Madison..... | 14,500 | 4,600 | 2,226 | 4-20 | 2,089 | 2,260 | 4,349 | 670 | 1,952 | 786 | 801 | 185 | 293,054 |
| 696 | Marquette *..... | 7,000 | 2,794 | 1,352 | 4-20 | 1,316 | 1,325 | 2,641 | 748 | 1,952 | 786 | 801 | 200 | ..... |
| 697 | Menasha..... | 5,000 | 1,567 | 758 | 4-20 | 749 | 732 | 1,481 | 220 | 1,413 | (420) | 420 | 190 | 79,800 |

* Statistics of 1887-88.

^d Colored schools in session 156 days.
^c Owing to a change in the school year this report covers the period between April 1, 1888, and June 30, 1889.

TABLE 14.—Statistics for 1888-89 of population, and school enrollment and attendance in cities and villages containing over 4,000 inhabitants—Continued.

| City. | 2 | 3 | 4 | 5 | Number of children of school-census age. | | | 9 | Number of different pupils enrolled in all public day schools. | | | Average daily attendance in public day schools. | | | 16 | 17 | |
|--------------------|---------|--------|--------|------|------------------------------------------|---------|--------|-------|----------------------------------------------------------------|---------|--------|-------------------------------------------------|---------|---------|-----|-----------|--|
| | | | | | Male. | Female. | Total. | | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| | | | | | | | | | | | | | | | | | |
| WISCONSIN—cont'd. | | | | | | | | | | | | | | | | | |
| Menomonic | 6,000 | 1,745 | 845 | 4-20 | 869 | 781 | 1,650 | 640 | 710 | 630 | 1,340 | | | 954.6 | 180 | 171,831 | |
| Merrill..... | 6,000 | 1,399 | 677 | 4-20 | 670 | 652 | 1,322 | 200 | (957) | | 1,957 | | | 616.8 | 170 | 104,853 | |
| Milwaukee | 191,275 | 66,067 | 31,976 | 4-20 | 30,719 | 31,742 | 62,461 | | (26,526) | | 26,526 | | | 19,041 | 193 | 3,444,685 | |
| Monroe | 4,000 | 1,271 | 615 | 4-20 | 623 | 580 | 1,203 | 0 | (1,120) | | 1,120 | | | | 176 | 122,794.5 | |
| Neenah..... | 5,000 | 2,124 | 1,028 | 4-20 | 926 | 1,082 | 2,008 | 200 | 459 | 507 | 966 | | | 603 | 185 | 136,000 | |
| Oconto..... | 4,000 | 1,513 | 732 | 4-20 | 741 | 680 | 1,420 | | 366 | 370 | 736 | | | 680 | 200 | 330,631 | |
| Oshkosh..... | 26,000 | 7,730 | 3,741 | 4-20 | 3,651 | 3,657 | 7,308 | | (2,514) | | 2,514 | | | | 200 | 113,731 | |
| Portage..... | 8,870 | 1,782 | 863 | 4-20 | 842 | 843 | 1,685 | 250 | (887) | | 887 | | | 568.6 | 200 | 479,061.1 | |
| Racine..... | 23,000 | 8,106 | 3,923 | 4-20 | 3,671 | 3,992 | 7,663 | 984 | 1,589 | 1,557 | 3,146 | | | 2,404.7 | 200 | 291,389.5 | |
| Sheboygan..... | 15,000 | 5,451 | 2,580 | 4-20 | 2,529 | 2,510 | 5,039 | 1,000 | 1,130 | 1,112 | 2,242 | | | 1,502 | 194 | 154,374 | |
| Stevens Point..... | 8,500 | 2,893 | 1,400 | 4-20 | 1,340 | 1,395 | 2,735 | 300 | 616 | 683 | 1,329 | | | 812 | 190 | 175,230 | |
| Watertown *..... | 10,000 | 3,721 | 1,803 | 4-20 | 1,814 | 1,707 | 3,521 | 900 | 589 | 629 | 1,218 | | | 876 | 189 | 118,265 | |
| Wausau..... | 9,000 | 1,174 | 568 | 4-20 | 566 | 544 | 1,110 | 175 | 434 | 510 | 944 | | | 625.4 | 189 | 618,200 | |
| Wausau..... | 9,000 | 3,107 | 1,503 | 4-20 | 1,460 | 1,477 | 2,937 | 350 | 740 | 767 | 1,507 | | | 1,030 | 196 | 97,309 | |
| White Water..... | 5,000 | 1,370 | 663 | 4-20 | 649 | 616 | 1,265 | 127 | 343 | 381 | 724 | | | 500.2 | | | |
| WYOMING. | | | | | | | | | | | | | | | | | |
| Cheyenne..... | 8,000 | | | | | | | 150 | 486 | 461 | 947 | | | 618 | 182 | 115,005 | |

* Statistics of 1887-88.

a In 1887-88.

b Estimated.

TABLE 15.—Statistics for 1888-89 of supervising officers, teachers, salaries, and accommodations in public schools of cities and villages containing over 4,000 inhabitants.

| City. | Number of supervising officers. | | | Number of regular class teachers. | | | Number of substitute teachers. | Annual salary of city superintendent. | Average annual salary of principals. | Average annual salary of other teachers. | Number of buildings used for school purposes. | Total number of seats or sittings for study in all public schools. | Are text-books furnished free? |
|-----------------------|---------------------------------|----------|----------|-----------------------------------|----------|----------|--------------------------------|---------------------------------------|--------------------------------------|------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------|--------------------------------|
| | Male. | Female. | Total. | Male. | Female. | Total. | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| ALABAMA. | | | | | | | | | | | | | |
| 1 Birmingham..... | 1 | 0 | 1 | 11 | 39 | 50 | 17 | \$2,400 | \$1,000 | \$450 | 7 | 2,025 | No. |
| 2 Eufaula..... | | | | 2 | 3 | 5 | | 50 | | | 2 | 300 | No. |
| 3 Huntsville..... | | | | | | | | | | | 2 | | |
| 4 Lively..... | | | | 2 | 5 | 7 | | | | | 2 | 500 | No. |
| 5 Mobile..... | | | | 12 | 56 | 68 | | | | | 11 | 1,532 | No. |
| 6 Montgomery..... | | | | 4 | 31 | 35 | 1 | 2,000 | 700 | 300 | 5 | | No. |
| 7 Selma..... | | | | 4 | 15 | 19 | | | | | 2 | 861 | No. |
| 8 Tuscaloosa..... | 1 | 0 | 1 | 4 | 10 | 14 | 2 | 1,500 | | 360 | 4 | 525 | No. |
| ARIZONA. | | | | | | | | | | | | | |
| 9 Tucson..... | | | | 1 | 10 | 11 | | 1,500 | | | 3 | 700 | No. a |
| ARKANSAS. | | | | | | | | | | | | | |
| 10 Fort Smith..... | 2 | 0 | 2 | 6 | 22 | 28 | 1 | 1,800 | 1,000 | 500 | 5 | 2,060 | No. |
| 11 Helena..... | | | | 2 | 6 | 8 | | | | | 3 | 480 | No. |
| 12 Little Rock..... | 1 | 0 | 1 | 5 | 48 | 53 | | 2,100 | | | 14 | 2,530 | No. |
| 13 Pine Bluff..... | | | | 3 | 17 | 20 | | 1,850 | | | 1 | 2,000 | No. |
| 14 Texarkana..... | | | | 4 | 11 | 15 | | 1,000 | | | 3 | 800 | No. |
| CALIFORNIA. | | | | | | | | | | | | | |
| 15 Chico..... | 1 | 0 | 1 | 3 | 11 | 14 | | 1,350 | 1,350 | 675 | 3 | 1,050 | No. |
| 16 Eureka..... | 0 | 0 | 0 | 4 | 16 | 20 | | | 950 | 618 | 12 | 1,050 | No. |
| 17 Los Angeles..... | 1 | 3 | 4 | 10 | 141 | 151 | 1 | 3,000 | 1,020 | 765 | 25 | 5,271 | No. |
| 18 Marysville..... | 1 | 0 | 1 | 2 | 8 | 10 | | | 1,063 | 638 | 2 | 550 | No. |
| 19 Oakland..... | | | | 13 | 136 | 149 | | 2,500 | 1,340 | 916 | 16 | | No. |
| 20 Pasadena..... | 1 | 3 | 4 | 5 | 28 | 33 | 1 | 2,000 | 1,100 | 729 | 6 | 1,612 | No. |
| 21 Riverside..... | | | | 2 | 13 | 15 | | 1,500 | | 675 | 4 | | No. |
| 22 Sacramento..... | 3 | 2 | 5 | 1 | 84 | 85 | 4 | 2,700 | 1,450 | 723 | 13 | 4,000 | No. a |
| 23 San Francisco..... | 18 | 37 | 55 | 44 | 709 | 753 | 36 | 4,000 | 1,741 | 908 | 74 | 38,445 | No. |
| 24 San Jose..... | 0 | 0 | 0 | 9 | 46 | 55 | 3 | 1,500 | 1,200 | 730 | 5 | 2,549 | No. |
| 25 Santa Cruz..... | | | | 3 | 20 | 23 | | 1,750 | 1,250 | 600 | 5 | 1,250 | No. |
| 26 Santa Rosa..... | 1 | 0 | 1 | 3 | 17 | 20 | | 1,800 | 1,950 | 618 | 3 | 950 | No. |

a Except to indigent pupils.

* Statistics of 1887-88.

TABLE 15.—Statistics for 1888-89 of supervising officers, teachers, salaries, and accommodations in public schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | Number of supervising officers. | | | Number of regular class teachers. | | | Number of substitute teachers. | Annual salary of city superintendent. | Average annual salary of principals. | Average annual salary of other teachers. | Number of buildings used for school purposes. | Total number of seats or sittings in all public schools. | Are text-books furnished free? |
|---------------------------------|---------------------------------|----------|----------|-----------------------------------|----------|----------|--------------------------------|---------------------------------------|--------------------------------------|------------------------------------------|-----------------------------------------------|----------------------------------------------------------|--------------------------------|
| | Male. | Female. | Total. | Male. | Female. | Total. | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| CALIFORNIA—continued. | | | | | | | | | | | | | |
| 27 Vallejo..... | 0 | 0 | 0 | 4 | 15 | 19 | 3 | \$180 | \$1,212 | \$673 | 3 | ..... | No. |
| 28 Woodland..... | 0 | 0 | 0 | 2 | 12 | 14 | ..... | 1,500 | 1,250 | 540 | 3 | ..... | No. |
| COLORADO. | | | | | | | | | | | | | |
| 29 Aspen..... | 1 | 0 | 1 | 0 | 10 | 10 | 0 | 1,800 | 1,000 | 720 | 2 | 500 | No. |
| 30 Colorado Springs..... | 1 | 0 | 1 | 3 | 21 | 24 | ..... | 1,000 | 700 | 650 | 4 | 1,000 | No. |
| 31 Denver (District No. 1)..... | ..... | ..... | ..... | ..... | (119) | 119 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 32 Leadville..... | 1 | ..... | ..... | 1 | 15 | 16 | 1 | 2,000 | 800 | 640 | 2 | 900 | No. a |
| 33 Pueblo (District No. 1)..... | 1 | ..... | ..... | 24 | 617 | 621 | ..... | ..... | ..... | ..... | 63 | 6900 | ..... |
| CONNECTICUT. | | | | | | | | | | | | | |
| 34 Bridgeport..... | 2 | 0 | 2 | 5 | 130 | 135 | ..... | 2,500 | 700 | 500 | 18 | 6,967 | No. c |
| 35 Bristol..... | 1 | 0 | 1 | 27 | 30 | 32 | 4 | 1,500 | ..... | ..... | 12 | 1,400 | No. c |
| 36 Hartford..... | ..... | ..... | ..... | 27 | 132 | 179 | ..... | 1,000 | ..... | ..... | 18 | 7,298 | No. c |
| 37 Meriden..... | 0 | 0 | 0 | 10 | 76 | 86 | ..... | ..... | ..... | ..... | 16 | 4,230 | No. c |
| 38 Middletown..... | 0 | 1 | 1 | 1 | 20 | 21 | 6 | 1,050 | 476 | 450 | 3 | 1,050 | No. c |
| 39 New Britain..... | 1 | 0 | 1 | 3 | 41 | 44 | ..... | 600 | 2,133 | 573 | 10 | 2,275 | No. a |
| 40 New Haven..... | 12 | 7 | 19 | 9 | 288 | 297 | ..... | 3,000 | ..... | ..... | 39 | 12,462 | No. a |
| 41 New London..... | 1 | 1 | 2 | 2 | 14 | 16 | ..... | ..... | ..... | ..... | 6 | ..... | No. c |
| 42 Norwich..... | 1 | 1 | 2 | 3 | 29 | 32 | 2 | 275 | 1,300 | 500 | 6 | 1,215 | No. c |
| 43 Rockville..... | 0 | 0 | 0 | 3 | 25 | 28 | 5 | 1,550 | 1,000 | 360 | 9 | 1,500 | No. c |
| 44 South Norwalk..... | ..... | ..... | ..... | 1 | 18 | 19 | ..... | ..... | ..... | 468 | 2 | 920 | No. c |
| 45 Stamford..... | 0 | 0 | 0 | ..... | (40) | 40 | ..... | ..... | ..... | ..... | ..... | ..... | No. a |
| 46 Thompsonville..... | 0 | 0 | 0 | 1 | 12 | 13 | 2 | 0 | 800 | 425 | 3 | ..... | No. a |
| 47 Willimantic..... | 0 | 0 | 0 | 1 | 17 | 18 | ..... | ..... | ..... | ..... | ..... | ..... | No. c |
| DAKOTA. | | | | | | | | | | | | | |
| 48 Deadwood..... | ..... | ..... | ..... | 1 | 5 | 6 | 0 | 1,500 | ..... | 750 | 1 | 150 | No. c |
| 49 Fargo..... | ..... | ..... | ..... | 1 | 22 | 23 | ..... | 1,800 | ..... | ..... | 5 | 1,210 | No. c |
| 50 Grand Forks..... | 1 | 0 | 1 | 1 | 14 | 15 | 0 | 1,500 | 1,500 | 585 | 2 | 632 | No. c |
| 51 Sioux Falls..... | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1,500 | 500 | 444 | 5 | ..... | No. c |
| 52 Yankton..... | 1 | 0 | 1 | 0 | 13 | 13 | ..... | 1,500 | ..... | 425 | 3 | 600 | No. c |

DELAWARE.

| | | | | | | | | | | | |
|-----------------------|---------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 53 | New Castle..... | 1 | 0 | 1 | 1 | 8 | 9 | 363 | 1,000 | 3 | 450 |
| 54 | Wilmington..... | 9 | 4 | 13 | 61 | 417 | 478 | 421 | 671 | 25 | 7,952 |
| DISTRICT OF COLUMBIA. | | | | | | | | | | | |
| 55 | Washington (white schools principally)..... | 6 | 0 | 6 | 17 | 185 | 202 | 638 | 1,021 | 73 | 23,900 |
| 56 | Washington (colored schools)..... | 3 | 0 | 3 | 4 | 6 | 10 | 601 | 1,013 | 21 | 7,864 |
| FLORIDA. | | | | | | | | | | | |
| 57 | Palatka..... | 1 | 0 | 1 | 3 | 17 | 24 | 162 | 330 | 4 | 400 |
| 58 | Pensacola..... | 0 | 0 | 0 | 3 | 6 | 9 | 275 | 1,600 | 9 | 1,600 |
| 59 | Tampa..... | 0 | 0 | 0 | 3 | 6 | 9 | 300 | 800 | 3 | ..... |
| GEORGIA. | | | | | | | | | | | |
| 60 | Americus..... | 0 | 0 | 0 | 4 | 13 | 17 | 417 | 750 | 2 | 845 |
| 61 | Athens..... | 1 | 1 | 2 | 4 | 20 | 24 | 345 | 540 | 4 | 1,000 |
| 62 | Atlanta..... | 1 | 1 | 2 | 12 | 106 | 118 | 600 | 1,410 | 14 | 6,023 |
| 63 | Augusta..... | 11 | 40 | 51 | 11 | 800 | 500 | 500 | 1,600 | 8 | 2,200 |
| 64 | Columbus..... | 5 | 34 | 39 | 4 | 1,600 | ..... | ..... | ..... | 6 | 1,796 |
| 65 | Griffin *..... | (10) | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 66 | Macon..... | 2 | 0 | 2 | 4 | 36 | 10 | 409 | 716 | 8 | 1,600 |
| 67 | Rome *..... | 1 | 0 | 1 | 18 | 85 | 113 | 550 | 1,400 | 8 | 5,000 |
| 68 | Savannah..... | ..... | ..... | ..... | 28 | ..... | ..... | ..... | ..... | ..... | ..... |
| IDAHO. | | | | | | | | | | | |
| 69 | Boisé City..... | 0 | 0 | 0 | 1 | 10 | 11 | ..... | ..... | 10 | ..... |
| ILLINOIS. | | | | | | | | | | | |
| 70 | Aurora *..... | 1 | 0 | 1 | 4 | 44 | 48 | ..... | ..... | 6 | 2,150 |
| 71 | Beardstown..... | 5 | 1 | 6 | 13 | 36 | 15 | 430 | 867 | 4 | 2,720 |
| 72 | Belleville..... | 1 | 0 | 1 | 2 | 16 | 18 | 519 | ..... | 6 | 2,500 |
| 73 | Belvidere..... | 0 | 0 | 0 | 2 | 74 | 76 | ..... | ..... | 1 | ..... |
| 74 | Bloomington..... | 0 | 0 | 0 | 2 | 2 | 21 | 445 | 836 | 11 | 2,900 |
| 75 | Braidwood..... | ..... | ..... | ..... | 19 | 2 | 2 | ..... | ..... | 5 | ..... |
| 76 | Calro..... | 1 | 0 | 1 | 1 | 26 | 27 | 328 | 531 | 8 | 1,318 |
| 77 | Canton..... | 0 | 1 | 1 | 2 | 24 | 26 | 306 | 459 | 6 | 1,200 |
| 78 | Carlinville..... | 1 | 0 | 1 | 2 | 9 | 11 | 400 | 500 | 1 | 760 |
| 79 | Centralia..... | 1 | 0 | 1 | 2 | 16 | 18 | 380 | 560 | 1 | 900 |
| 80 | Champaign..... | 1 | 0 | 1 | 2 | 15 | 15 | ..... | ..... | 4 | ..... |
| 81 | Chicago..... | 56 | 54 | 110 | 40 | 1,613 | 1,653 | ..... | ..... | 100 | 85,000 |
| 82 | Danville *..... | 1 | 0 | 1 | 7 | 41 | 48 | ..... | ..... | 7 | 2,700 |
| 83 | Decatur..... | 1 | 0 | 1 | 5 | 41 | 46 | 377 | 858 | 8 | 2,650 |
| 84 | Effingham *..... | ..... | ..... | ..... | 3 | 5 | 8 | ..... | 720 | 2 | 500 |
| 85 | Elgin..... | ..... | ..... | ..... | 3 | 43 | 46 | ..... | ..... | 11 | 2,091 |
| 86 | Evanson..... | 1 | 0 | 1 | 1 | 21 | 22 | 600 | 750 | 3 | 1,000 |
| 87 | Freeport..... | 1 | 0 | 1 | 3 | 33 | 36 | 422 | 676 | 5 | 1,800 |
| 88 | Galea..... | 1 | 0 | 1 | 2 | 18 | 20 | 385 | 500 | 4 | 1,000 |
| 89 | Galesburg..... | 3 | 1 | 4 | 3 | 42 | 45 | 450 | 557 | 7 | 2,100 |
| 90 | Geneseo..... | ..... | ..... | ..... | ..... | ..... | ..... | 400 | 750 | 4 | 675 |

* Statistics of 1887-88.

b In 1887-88.

c Books are furnished in some of the districts.

d This report covers the five central school districts only.
e Some books are furnished free.

TABLE 15. —Statistics for 1888-89 of supervising officers, teachers, salaries, and accommodations in public schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | Number of supervising officers. | | | Number of regular class teachers. | | | Annual salary of city superintendent. | Average annual salary of principals. | Average annual salary of other teachers. | Number of buildings used for school purposes. | Total number of seats or sittings for study in all public schools. | Are text-books furnished free? | |
|------------------------------------|---------------------------------|---------|--------|-----------------------------------|---------|--------|---------------------------------------|--------------------------------------|------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------|--------------------------------|------------------|
| | Male. | Female. | Total. | Male. | Female. | Total. | | | | | | | |
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| ILLINOIS—continued. | | | | | | | | | | | | | |
| 91 Jacksonville..... | 0 | 0 | 0 | 2 | 38 | 40 | 0 | \$1,200 | \$674 | \$450 | 7 | 1,550 | Yes. |
| 92 Joliet..... | 1 | 0 | 1 | 3 | 57 | 60 | ..... | 1,600 | 788 | 415 | 9 | 2,600 | No. |
| 93 Kankakee..... | 1 | 0 | 1 | 1 | 21 | 22 | 0 | 1,200 | 850 | 379 | 4 | 1,200 | No. |
| 94 La Salle..... | 2 | 1 | 3 | 4 | 17 | 21 | 2 | 1,200 | ..... | ..... | 5 | 1,150 | No. |
| 95 Lincoln..... | 1 | 0 | 1 | 2 | 19 | 21 | 0 | 1,400 | 500 | 450 | 3 | 1,100 | No. |
| 96 Litchfield..... | 1 | 0 | 1 | 1 | 18 | 19 | 0 | 1,200 | 467 | 331 | 3 | 1,200 | No. |
| 97 Mendota..... | 1 | 0 | 1 | 2 | 20 | 22 | 0 | 1,333 | 550 | 427 | 1 | 1,533 | No. |
| 98 Moline..... | 2 | 1 | 3 | 2 | 38 | 40 | 0 | 1,800 | 900 | 450 | 6 | 1,880 | No. |
| 99 Monmouth..... | 1 | 0 | 1 | 0 | 22 | 22 | 0 | 1,250 | ..... | ..... | 4 | 1,100 | No. |
| 100 Olney..... | 1 | 0 | 1 | 2 | 14 | 16 | 1 | 950 | ..... | 360 | 1 | 930 | No. |
| 101 Ottawa..... | 2 | 0 | 2 | 2 | 29 | 31 | 0 | 1,350 | 900 | 500 | 6 | 1,500 | No. |
| 102 Paris..... | 1 | 0 | 1 | 0 | 20 | 20 | 1 | 1,700 | 533 | 408 | 3 | 950 | No. |
| 103 Pekin..... | 1 | 0 | 1 | 3 | 20 | 23 | ..... | 1,500 | ..... | ..... | 5 | 1,050 | No. |
| 104 Peoria..... | 8 | 4 | 12 | 3 | 125 | 129 | 8 | 2,750 | 1,500 | 550 | 13 | 6,300 | No. |
| 105 Peru..... | 1 | 1 | 2 | 2 | 15 | 17 | 0 | 1,400 | ..... | ..... | 4 | 856 | No. |
| 106 Pullman..... | 2 | 2 | 4 | 0 | 21 | 21 | ..... | 1,800 | ..... | ..... | 4 | 1,100 | No. |
| 107 Quincy..... | 2 | 2 | 4 | 4 | 59 | 63 | ..... | ..... | 525 | ..... | 9 | 3,281 | No. |
| 108 Rock Island..... | 2 | 0 | 2 | 4 | 44 | 48 | ..... | 1,750 | 800 | 469 | 8 | 2,050 | No. |
| 109 Rockford..... | 1 | 0 | 1 | 4 | 76 | 80 | 3 | 2,000 | 704 | 426 | 13 | 3,127 | No. |
| 110 Springfield..... | 1 | 1 | 2 | 8 | 73 | 81 | ..... | 2,000 | 1,050 | 350 | 12 | 3,300 | No. ^b |
| 111 Sterling (District No. 3)..... | 1 | 1 | 1 | 2 | 13 | 15 | ..... | 1,500 | 630 | 417 | 2 | 700 | No. ^c |
| 112 Streator..... | 1 | 0 | 1 | 1 | 42 | 43 | 0 | 1,400 | 520 | 390 | 9 | 2,450 | No. |
| INDIANA. | | | | | | | | | | | | | |
| 113 Anderson..... | 1 | 0 | 1 | 4 | 12 | 16 | 0 | 1,125 | 600 | 415 | 4 | 1,000 | No. |
| 114 Aurora..... | 1 | 0 | 1 | 6 | 47 | 53 | ..... | 1,125 | 675 | 450 | 2 | 1,800 | Yes. |
| 115 Brazil..... | 1 | 0 | 1 | 1 | 11 | 12 | 2 | 1,100 | 585 | 360 | 4 | 1,050 | No. |
| 116 Columbus..... | 1 | 0 | 1 | 4 | 230 | 234 | 1 | 1,485 | 540 | 402 | 4 | 1,396 | No. |
| 117 Crawfordsville..... | 5 | 5 | 10 | 5 | 21 | 26 | ..... | 1,600 | ..... | ..... | 3 | 1,185 | No. |
| 118 Elkhart..... | 1 | 1 | 2 | 5 | 41 | 46 | 1 | 1,700 | 585 | 380 | 8 | 2,150 | No. |
| 119 Evansville..... | 2 | 1 | 3 | 20 | 138 | 158 | 5 | 2,300 | 950 | 480 | 18 | 7,000 | No. |
| 120 Fort Wayne..... | 2 | 10 | 12 | 5 | 106 | 111 | ..... | 2,500 | 840 | ..... | 13 | 4,200 | No. |
| 121 Frankfort..... | 1 | 0 | 1 | 4 | 17 | 21 | ..... | ..... | ..... | ..... | 3 | ..... | No. |

| | | | | | | | | | | | | |
|-------|-----------------------------|---|----|----|----|------|-----|-----|-------|-------|----|--------|
| 122 | Goshen | 0 | 0 | 0 | 0 | 3 | 23 | 26 | 1,500 | 336 | 4 | 1,300 |
| 123 | Greencastle | 0 | 0 | 0 | 0 | 2 | 19 | 25 | 1,500 | 540 | 30 | 12,497 |
| 124 | Indianapolis | 4 | 4 | 8 | 12 | 15 | 280 | 291 | 2,750 | 975 | 8 | 1,942 |
| 125 | Jeffersonville | 4 | 0 | 4 | | 8 | 31 | 42 | 1,300 | 758 | 4 | 1,850 |
| 126 | Kokomo | | | | | 5 | 16 | 21 | 1,400 | 805 | 7 | 1,200 |
| 127 | La Fayette* | | | | | 8 | 44 | 52 | 2,000 | 590 | 6 | 1,864 |
| 128 | La Porte | 1 | 0 | 1 | | 5 | 25 | 30 | 1,150 | 473 | 2 | 1,500 |
| 129 | Lawrenceburgh | 0 | 0 | 0 | | 4 | 12 | 16 | 1,600 | 451 | 7 | 1,140 |
| 130 | Logansport | 1 | 1 | 2 | | 4 | 37 | 37 | 1,500 | 525 | 4 | 1,200 |
| 131 | Madison* | | | | | 3 | 27 | 30 | 1,500 | 800 | 4 | 1,200 |
| 132 | Michigan City | 3 | 0 | 3 | | 5 | 18 | 23 | 1,500 | 500 | 5 | 1,400 |
| 133 | Mount Vernon | 1 | 0 | 1 | | 5 | 14 | 19 | 1,500 | 405 | 12 | 3,000 |
| 134 | Muncie | 1 | 0 | 1 | | 2 | 24 | 26 | 1,400 | 610 | 9 | 2,646 |
| 135 | New Albany* | | | | | 10 | 44 | 54 | 1,200 | 800 | 3 | 1,000 |
| 136 | Peru | | | | | 2 | 21 | 23 | 1,500 | 430 | 3 | 1,000 |
| 137 | Richmond | 2 | 1 | 3 | | 6 | 56 | 62 | 2,200 | 705 | 2 | 1,200 |
| 138 | Seymour | 1 | 0 | 1 | | 6 | 18 | 20 | 1,250 | 450 | 3 | 1,000 |
| 139 | Shelbyville* | | | | | 5 | 17 | 21 | 1,400 | 620 | 7 | 3,000 |
| 140 | South Bend | 1 | 0 | 1 | | 4 | 45 | 50 | 1,800 | 755 | 16 | 4,719 |
| 141 | Terre Haute | 1 | 0 | 1 | | 14 | 98 | 112 | 2,500 | 491 | 2 | 1,085 |
| 142 | Valparaiso | 0 | 0 | 0 | | 2 | 18 | 20 | 1,400 | 650 | 5 | 1,080 |
| 143 | Vincennes | 2 | 4 | 6 | | 3 | 23 | 23 | 1,700 | 690 | 4 | 1,080 |
| 144 | Washington | 1 | 0 | 1 | | 6 | 12 | 18 | 1,100 | 478 | 3 | 1,080 |
| IOWA. | | | | | | | | | | | | |
| 145 | Atlantic | 1 | 0 | 1 | | 2 | 18 | 20 | 1,200 | 567 | 3 | 1,000 |
| 146 | Boone | | | | | 1 | 22 | 23 | 1,600 | 500 | 4 | 1,500 |
| 147 | Burlington | | | | | 15 | 74 | 89 | 1,900 | 1,150 | 12 | 4,200 |
| 148 | Cedar Rapids | 1 | | | | 1 | 79 | 80 | 1,800 | 850 | 16 | 3,702 |
| 149 | Clinton | | | | | (45) | | 45 | 1,700 | | 14 | 3,354 |
| 150 | Council Bluffs | 1 | 0 | 1 | | 3 | 69 | 71 | 2,250 | 629 | 8 | 3,500 |
| 151 | Creston | 1 | 2 | 3 | | 2 | 13 | 30 | 1,400 | 660 | 10 | 4,286 |
| 152 | Davenport | 1 | 0 | 1 | | 11 | 91 | 102 | 2,000 | 1,109 | 11 | 3,527 |
| 153 | Des Moines, East | 1 | 1 | 2 | | 5 | 73 | 73 | 1,600 | 664 | 11 | 4,110 |
| 154 | Des Moines, West | 2 | 13 | 15 | | 8 | 120 | 125 | 2,000 | | 7 | 1,057 |
| 155 | Dubuque | 0 | 0 | 0 | | 2 | 76 | 84 | 1,500 | 741 | 5 | 1,060 |
| 156 | Fort Dodge | 3 | 0 | 0 | | 2 | 18 | 20 | 1,000 | 357 | 7 | 2,400 |
| 157 | Fort Madison | | | | | 3 | 23 | 32 | 1,800 | 570 | 3 | 1,000 |
| 158 | Keokuk | 1 | 0 | 1 | | 10 | 40 | 50 | 1,400 | 1,042 | 4 | 1,000 |
| 159 | Le Mars | 5 | 1 | 6 | | 1 | 19 | 20 | 1,500 | 620 | 6 | 1,890 |
| 160 | Lyons | 1 | 0 | 1 | | 1 | 19 | 20 | 1,400 | 700 | 4 | 1,088 |
| 161 | Marshalltown | 1 | 1 | 2 | | 1 | 42 | 43 | 1,800 | 630 | 4 | 1,933 |
| 162 | Mount Pleasant | 1 | 1 | 1 | | 2 | 20 | 21 | 1,200 | 390 | 8 | 2,000 |
| 163 | Muscataine | 1 | 1 | 2 | | 3 | 42 | 45 | | | 5 | 1,440 |
| 164 | Nesquehota | 1 | 0 | 1 | | 2 | 31 | 33 | 1,450 | 700 | 6 | 2,000 |
| 165 | Oskaloosa | 1 | 0 | 1 | | 1 | 44 | 45 | 1,900 | 640 | 3 | 750 |
| 166 | Ottumwa | | | | | 1 | 17 | 18 | 2,000 | 422 | 8 | 1,933 |
| 167 | Sioux City | 1 | 0 | 1 | | 1 | 84 | 84 | 1,500 | | 3 | 1,080 |
| 168 | Waterloo* (east side) | | | | | | | | | | | |

Books for supplementary reading are furnished free.

d In 1887-88.
e Alternate readers are furnished.

* Statistics of 1887-88.
a Members of training class.
b A few are supplied.
c Except to indigent pupils.

* Statistics of 1887-88.
 a Members of training class.

TABLE 15.—Statistics for 1888-89 of supervising officers, teachers, salaries, and accommodations in public schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | Number of supervising officers. | | | Number of regular class teachers. | | | Number of substitute teachers. | Annual salary of city superintendent. | Average annual salary of principals. | Average annual salary of other teachers. | Number of buildings used for school purposes. | Total number of seats or sittings for study in all public schools. | Are text-books furnished free? |
|--------------------------|---------------------------------|---------|--------|-----------------------------------|---------|--------|--------------------------------|---------------------------------------|--------------------------------------|------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------|--------------------------------|
| | Male. | Female. | Total. | Male. | Female. | Total. | | | | | | | |
| | | | | | | | | | | | | | |
| KANSAS. | | | | | | | | | | | | | |
| 169 Atchison | 1 | 0 | 1 | 8 | 32 | 40 | 4 | \$1,500 | \$800 | \$400 | 6 | 3,000 | No. |
| 170 Clay Centre | 1 | 0 | 1 | 2 | 15 | 17 | 1 | 1,200 | 435 | 405 | 3 | 1,960 | No. |
| 171 El Dorado | 1 | 0 | 1 | 2 | 17 | 19 | 3 | 1,000 | 504 | 437 | 5 | 1,104 | No. |
| 172 Emporia | 1 | 0 | 1 | 3 | 35 | 38 | 5 | 1,000 | 600 | 420 | 9 | 1,800 | No. |
| 173 Fort Scott | 1 | 0 | 1 | 6 | 34 | 40 | ..... | 1,800 | 575 | 409 | 8 | 2,106 | No. ^a |
| 174 Huttelinson | 1 | 0 | 1 | 2 | 29 | 31 | ..... | 1,500 | 585 | 387 | 3 | 1,600 | No. ^a |
| 175 Independence | 5 | 0 | 5 | 5 | 16 | 21 | 2 | 1,200 | 532 | 340 | 4 | 1,200 | No. |
| 176 Kansas City | 1 | 0 | 1 | 20 | 66 | 86 | 6 | 2,000 | 765 | 450 | 18 | 4,434 | No. |
| 177 Lawrence | 1 | 0 | 1 | 6 | 27 | 33 | ..... | 1,200 | 595 | 425 | 11 | 1,754 | No. |
| 178 Leavenworth | 1 | 0 | 1 | 9 | 49 | 58 | 5 | 2,400 | 840 | 638 | 10 | 2,874 | No. ^a |
| 179 Newton | 1 | 0 | 1 | 4 | 19 | 23 | ..... | 1,350 | 645 | 491 | 3 | 1,290 | No. |
| 180 Ottawa | 1 | 0 | 1 | 3 | 20 | 23 | 3 | 1,200 | 653 | 389 | 3 | 1,350 | No. |
| 181 Parsons | 4 | 0 | 4 | 23 | 27 | 50 | 11 | 1,200 | 600 | 450 | 4 | 1,500 | No. |
| 182 Salina | 1 | 1 | 2 | 3 | 21 | 24 | ..... | 1,500 | 585 | 452 | 5 | 1,105 | No. |
| 183 Topeka | 1 | 0 | 1 | 24 | 75 | 99 | ..... | 2,500 | ..... | ..... | 23 | ..... | No. |
| 184 Wellington | 1 | 0 | 1 | 19 | 19 | 38 | 2 | 1,400 | 585 | 416 | 4 | 1,200 | No. |
| 185 Wichita | 1 | 0 | 1 | 12 | 70 | 82 | 8 | 2,000 | 713 | 510 | 15 | ..... | No. ^a |
| 186 Winfield | 2 | 0 | 2 | 3 | 21 | 24 | ..... | 1,500 | 550 | 438 | 5 | 1,200 | No. |
| KENTUCKY. | | | | | | | | | | | | | |
| 187 Ashland | 1 | 0 | 1 | 1 | 11 | 12 | ..... | 1,500 | ..... | ..... | 2 | 1,020 | No. |
| 188 Bowling Green* | 1 | 2 | 3 | 7 | 53 | 60 | 8 | 1,800 | 1,250 | 511 | 6 | 63,300 | No. |
| 189 Covington | 0 | 0 | 0 | 1 | 11 | 12 | 1 | 1,000 | 350 | 350 | 2 | 800 | No. |
| 190 Dayton | 0 | 0 | 0 | 2 | 19 | 21 | 5 | 1,300 | 500 | 450 | 2 | 950 | No. |
| 191 Hopkinsville | 5 | 5 | 10 | 45 | 50 | 95 | 4 | 1,000 | 1,200 | 500 | 7 | 62,500 | No. ^a |
| 192 Lexington | 13 | 14 | 27 | 26 | 422 | 448 | ..... | 2,500 | 1,480 | 486 | 34 | ..... | No. ^a |
| 193 Louisville | 4 | 2 | 6 | 4 | 52 | 56 | 6 | 1,600 | 423 | 300 | 6 | 3,300 | No. |
| 194 Newport | 1 | 0 | 1 | 3 | 24 | 27 | 0 | 1,700 | 750 | 376 | 4 | 1,250 | No. |
| 195 Owensboro | 1 | 1 | 2 | 9 | 19 | 28 | 2 | 1,500 | 900 | 405 | 9 | 1,886 | No. ^a |
| 196 Paducah | 1 | 0 | 1 | 1 | 1 | 2 | ..... | 1,500 | 600 | 530 | 1 | 300 | No. |
| 197 Paris | 0 | 0 | 0 | 1 | 5 | 6 | 0 | 1,250 | ..... | ..... | ..... | ..... | No. |

| | 198 | New Orleans* | LOUISIANA. | | 25 | 381 | 406 | 3,000 | | 51 | 19,000 | No. |
|-----|--------------|--------------|----------------|--|-------|-------|-------|-------|-------|-----|--------|------------------|
| 199 | Auburn* | | MAINE. | | | | | | | | | |
| 200 | Augusta | | | | 7 | 50 | 57 | | | 32 | 1,840 | Yes. |
| 201 | Bangor | | | | 4 | 40 | 44 | 800 | 1,233 | 26 | 1,753 | Yes. |
| 202 | Bath* | | | | 3 | 34 | 37 | 300 | | 636 | 63,609 | No. |
| 203 | Belfast* | | | | (28) | | | | | 18 | | Yes. |
| 204 | Biddeford | | | | 0 | | 28 | | | | | |
| 205 | Calais | | | | 0 | | 28 | 1,600 | 1,150 | 20 | 1,931 | No. |
| 206 | Ellsworth | | | | 1 | | 28 | 300 | 900 | 20 | 1,700 | No. |
| 207 | Lewiston | | | | 3 | | 28 | 250 | | 13 | | No. |
| 208 | Portland | | | | 7 | | 28 | 1,700 | 330 | 23 | 3,380 | Yes. |
| 209 | Rockland | | | | 4 | | 72 | 2,250 | 905 | 24 | 6,513 | No. ^a |
| 210 | Saco | | | | 11 | 138 | 149 | | | 18 | 2,000 | No. |
| | | | | | 4 | 26 | 30 | 300 | 900 | 11 | | No. |
| | | | | | 1 | 26 | 34 | | | 13 | | No. |
| | | | | | 8 | | | | | | | |
| | | | | | 1 | | | | | | | |
| | | | | | 9 | | | | | | | |
| 211 | Baltimore | | MARYLAND. | | 110 | 1,006 | 1,116 | 2,500 | | 100 | 54,226 | Yes. |
| 212 | Frederick | | | | 3 | 15 | 18 | 1,200 | 450 | 5 | 1,040 | No. |
| 213 | Hagerstown | | | | 7 | 27 | 31 | | 593 | 4 | 1,600 | No. |
| | | | | | 1 | | | | | | | |
| | | | | | 4 | | | | | | | |
| | | | | | 242 | 1,081 | 1,323 | | | | | |
| | | | | | 7 | 66 | 73 | | | | | |
| | | | | | (49) | | | | | | | |
| 214 | Attleborough | | MASSACHUSETTS. | | 1 | 33 | 31 | 1,000 | 900 | 14 | 1,350 | Yes. |
| 215 | Beverly* | | | | 4 | 34 | 38 | | | 9 | 1,800 | Yes. |
| 216 | Boston | | | | 14 | | | | | 183 | | Yes. |
| 217 | Brookton | | | | 3 | | | | | 27 | | Yes. |
| 218 | Brookline | | | | 7 | | | | | | | Yes. |
| 219 | Cambridge | | | | 19 | 222 | 211 | 2,500 | 2,030 | 12 | | Yes. |
| 220 | Chelsea | | | | 3 | | | 3,000 | 2,000 | 83 | | Yes. |
| 221 | Chicopee | | | | 6 | 84 | 90 | 2,400 | | | | Yes. |
| 222 | Clinton | | | | 3 | 28 | 31 | 1,600 | 1,600 | 69 | 61,550 | Yes. |
| 223 | Danvers | | | | 1 | 35 | 36 | | | 11 | 1,800 | Yes. |
| 224 | Dedham | | | | 4 | 24 | 28 | | 1,175 | 11 | 1,300 | Yes. |
| 225 | Everett | | | | 4 | 34 | 39 | | 1,150 | 13 | | Yes. |
| 226 | Fall River | | | | 5 | 29 | 31 | | 1,287 | 6 | 1,480 | Yes. |
| 227 | Fitchburg | | | | 2 | 206 | 218 | 2,500 | 1,455 | 42 | 10,757 | Yes. |
| 228 | Gloucester | | | | 12 | 67 | 74 | 2,500 | 1,250 | 22 | 3,450 | Yes. |
| 229 | Haverhill | | | | 7 | 96 | 101 | 2,000 | 750 | 21 | 4,415 | Yes. |
| 230 | Holyoke* | | | | 5 | 82 | 90 | 2,000 | 1,488 | 23 | | Yes. |
| 231 | Hyde Park | | | | 8 | 82 | 90 | 2,300 | | 16 | 3,208 | Yes. |
| 232 | Lawrence | | | | 6 | 32 | 38 | 0 | 1,220 | 6 | 1,457 | Yes. |
| 233 | Lynn | | | | (123) | | | | | | | Yes. |
| 234 | Malden | | | | 14 | 180 | 194 | 2,200 | 800 | 21 | 65,600 | Yes. |
| 235 | Methuen | | | | 20 | 260 | 278 | 2,600 | 1,785 | 46 | 9,757 | Yes. |
| 236 | Middlebury | | | | 12 | 143 | 155 | 2,250 | 1,700 | 31 | 7,588 | Yes. |
| 237 | Marblehead | | | | 5 | 75 | 80 | 2,100 | 900 | 12 | 3,859 | Yes. |
| 238 | Milford | | | | 2 | 28 | 30 | | 888 | 12 | 61,579 | Yes. |
| 239 | New Bedford | | | | 1 | | | | | | | Yes. |
| 240 | Newburyport | | | | 2 | | | | | | | Yes. |
| 241 | | | | | (35) | | | | | | | Yes. |
| | | | | | 6 | | | | | | | Yes. |
| | | | | | 1 | | | | | | | Yes. |
| | | | | | 1 | | | | | | | Yes. |
| | | | | | 2 | | | | | | | Yes. |
| | | | | | 1 | | | | | | | Yes. |
| | | | | | 1 | | | | | | | Yes. |
| | | | | | 1 | | | | | | | Yes. |
| | | | | | 2 | | | | | | | Yes. |
| | | | | | 33 | | | | | | | Yes. |
| | | | | | 9 | | | | | | | Yes. |
| | | | | | 116 | | | | | | | Yes. |
| | | | | | 36 | | | | | | | Yes. |

* Statistics of 1887-88.

b In 1887-88.

a Except to indigent pupils.

TABLE 15.—Statistics for 1888-89 of supervising officers, teachers, salaries, and accommodations in public schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | Number of supervising officers. | | | Number of regular class teachers. | | | Number of substitute teachers. | Annual salary of city superintendent. | Average annual salary of principals. | Average annual salary of other teachers. | Number of buildings used for school purposes. | Total number of seats or sittings for study in all public schools. | Are text-books furnished free? | |
|--------------------------|---------------------------------|---------|--------|-----------------------------------|---------|--------|--------------------------------|---------------------------------------|--------------------------------------|------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------|--------------------------------|------------------|
| | Male. | Female. | Total. | Male. | Female. | Total. | | | | | | | | |
| | | | | | | | | | | | | | | |
| MASSACHUSETTS—continued. | | | | | | | | | | | | | | |
| 242 | Newton | 1 | 0 | 1 | 17 | 89 | 106 | 0 | \$2,800 | \$1,900 | ..... | 21 | 4,712 | Yes. |
| 243 | North Adams | 1 | 0 | 1 | 3 | 54 | 57 | 2 | 1,900 | 786 | \$400 | 11 | 2,000 | Yes. |
| 244 | Northampton | 2 | 0 | 2 | 4 | 62 | 66 | 3 | 1,800 | 1,300 | 356 | 25 | 2,700 | Yes. |
| 245 | Peabody | 0 | 1 | 1 | 5 | 38 | 43 | ..... | ..... | ..... | ..... | 8 | 2,300 | Yes. |
| 246 | Pittsfield | 0 | 0 | 0 | 5 | 77 | 82 | ..... | 1,500 | 1,000 | 350 | 27 | 3,000 | Yes. |
| 247 | Plymouth | 1 | 0 | 1 | 4 | 33 | 37 | ..... | 1,200 | ..... | ..... | a25 | 21,450 | Yes. |
| 248 | Quincy | 2 | 1 | 3 | 6 | 53 | 59 | ..... | 1,558 | 926 | 435 | 8 | 4,483 | Yes. |
| 249 | Salem ..... | ..... | ..... | ..... | 7 | 93 | 100 | ..... | 0 | 1,039 | 546 | 16 | 4,000 | Yes. |
| 250 | Somerville | 2 | 3 | 5 | 10 | 129 | 139 | 37 | 2,500 | 1,043 | 571 | 27 | 6,000 | Yes. |
| 251 | Southbridge | 1 | 1 | 2 | 1 | 27 | 28 | 3 | 1,400 | 1,165 | 333 | 12 | 975 | Yes. |
| 252 | Spencer ..... | ..... | ..... | ..... | (43) | 43 | 43 | 0 | 1,100 | ..... | ..... | 29 | 6,049 | Yes. |
| 253 | Springfield | 2 | 3 | 5 | 10 | 132 | 142 | ..... | 3,500 | 1,700 | 451 | 7 | 1,000 | Yes. |
| 254 | Stoneham | 0 | 0 | 0 | 2 | 24 | 26 | ..... | ..... | ..... | ..... | 32 | 2,587 | Yes. |
| 255 | Taunton | 2 | 0 | 2 | 10 | 87 | 97 | 6 | 2,300 | 600 | ..... | 14 | 2,500 | Yes. |
| 256 | Waltham | 3 | 1 | 4 | 6 | 49 | 55 | 2 | 500 | 1,750 | 550 | 7 | 2,587 | Yes. |
| 257 | Watertown ..... | ..... | ..... | ..... | 5 | 25 | 30 | 1 | ..... | ..... | ..... | 20 | 2,805 | Yes. |
| 258 | Westfield | 2 | 0 | 2 | 4 | 40 | 44 | 0 | 1,800 | 925 | 360 | 20 | 2,805 | Yes. |
| 259 | Weymouth | 1 | 0 | 1 | 7 | 45 | 52 | 0 | 2,000 | 1,326 | 499 | 13 | 2,257 | Yes. |
| 260 | Woburn | 1 | 0 | 1 | 4 | 44 | 48 | ..... | 3,500 | 1,167 | 572 | 47 | 13,437 | Yes. |
| 261 | Worcester | 0 | 0 | 0 | 25 | 276 | 301 | 0 | ..... | ..... | ..... | ..... | ..... | ..... |
| MICHIGAN. | | | | | | | | | | | | | | |
| 262 | Adrian | 1 | 0 | 1 | 2 | 30 | 32 | 1 | 1,700 | 1,300 | ..... | 5 | 1,791 | No. |
| 263 | Alpena | 1 | 1 | 2 | 4 | 26 | 30 | ..... | 1,600 | 513 | 430 | 8 | 1,100 | No. |
| 264 | Ann Arbor | 1 | 0 | 1 | 8 | 37 | 45 | 1 | 2,200 | 575 | 486 | 7 | 2,000 | No. |
| 265 | Battle Creek ..... | ..... | ..... | ..... | 2 | 38 | 40 | ..... | 1,600 | ..... | ..... | 4 | 1,900 | No. |
| 266 | Bay City ..... | ..... | ..... | ..... | 4 | 77 | 81 | 0 | 2,000 | 712 | ..... | 10 | 4,050 | No. |
| 267 | Big Rapids | 1 | 0 | 1 | 2 | 22 | 24 | ..... | 1,500 | ..... | ..... | 6 | 871 | No. |
| 268 | Cadillac | 2 | 0 | 2 | 1 | 16 | 17 | 0 | 1,400 | 512 | 415 | 2 | 370 | No. |
| 269 | Cheboygan | 2 | 0 | 2 | 2 | 6 | 8 | ..... | 1,000 | 1,000 | 395 | 4 | 1,000 | No. |
| 270 | Coldwater | 1 | 0 | 1 | 2 | 20 | 22 | ..... | 1,400 | 1,000 | ..... | 45 | 20,114 | No. ^c |
| 271 | Detroit | 1 | ..... | ..... | 20 | 397 | 417 | 0 | 4,000 | ..... | ..... | 13 | 4,438 | Yes. |
| 272 | East Saginaw | 1 | 2 | 3 | 6 | 95 | 101 | ..... | 2,500 | 818 | 402 | ..... | ..... | ..... |

[illegible]

* Statistics of 1887-88. *a* In 1887-88. *b* Except supplementary readers.

| NEBRASKA. | | | | | | | | | |
|----------------|----------------------|----|----|----|-------|-----|-----|-------|--------|
| 349 | Beatrice..... | 2 | 0 | 2 | 3 | 27 | 30 | ..... | 1,500 |
| 350 | Premont..... | 1 | 0 | 1 | 1 | 25 | 25 | 4 | 1,200 |
| 351 | Grand Island..... | | | | 5 | 25 | 30 | 1 | 1,800 |
| 352 | Hastings..... | | | 1 | 2 | 25 | 25 | 0 | 1,500 |
| 353 | Kearney..... | | 0 | 0 | 0 | 25 | 27 | 0 | 1,200 |
| 354 | Lincoln..... | | 0 | 0 | 2 | 73 | 80 | 0 | 1,800 |
| 355 | Nebraska City..... | | 0 | 1 | 5 | 22 | 27 | 0 | 1,500 |
| 356 | Omaha..... | | 0 | 1 | 10 | 249 | 259 | 2 | 3,600 |
| 357 | Plattsmouth..... | | 3 | 4 | 1 | 23 | 24 | 0 | 1,625 |
| NEVADA. | | | | | | | | | |
| 358 | Carson City..... | 0 | 0 | 0 | 1 | 10 | 11 | 1 | 644 |
| 359 | Eureka..... | 1 | 0 | 1 | 1 | 6 | 7 | 2 | 1,500 |
| 360 | Gold Hill..... | 1 | 1 | 1 | 1 | 8 | 9 | 1 | 1,500 |
| 361 | Virginia City..... | 3 | 0 | 3 | 2 | 20 | 22 | 3 | 0 |
| NEW HAMPSHIRE. | | | | | | | | | |
| 362 | Concord..... | 1 | 1 | 2 | 1 | 36 | 37 | 6 | 1,350 |
| 363 | Dover*..... | | | | 2 | 39 | 41 | ..... | 1,800 |
| 364 | Keene..... | 0 | 0 | 0 | 2 | 40 | 42 | 0 | 0 |
| 365 | Manchester..... | 2 | 0 | 2 | 7 | 69 | 75 | ..... | 1,200 |
| 366 | Nashua..... | 2 | 2 | 4 | 2 | 45 | 47 | ..... | 1,800 |
| 367 | Portsmouth..... | 2 | 2 | 4 | 6 | 30 | 36 | 4 | 1,800 |
| 368 | Rochester..... | 0 | 1 | 1 | 4 | 27 | 31 | ..... | 1,250 |
| NEW JERSEY. | | | | | | | | | |
| 369 | Atlantic City..... | 1 | 0 | 1 | 0 | 34 | 34 | 2 | 600 |
| 370 | Bayonne..... | | | | 5 | 46 | 51 | ..... | 500 |
| 371 | Bordentown*..... | | | | 2 | 11 | 13 | ..... | 1,450 |
| 372 | Bridgeton*..... | | | | 3 | 28 | 31 | ..... | ..... |
| 373 | Burlington*..... | | | | 7 | 16 | 16 | ..... | ..... |
| 374 | Camden..... | | | | 1 | 162 | 169 | 20 | 500 |
| 375 | Elizabeth..... | 5 | 3 | 8 | 0 | 62 | 62 | ..... | 700 |
| 376 | Gloucester City..... | | 0 | 0 | 1 | 10 | 11 | ..... | 1,800 |
| 377 | Hackensack..... | 0 | 0 | 0 | 5 | 13 | 18 | ..... | 1,200 |
| 378 | Harrison..... | | | | 3 | 8 | 11 | ..... | 1,200 |
| 379 | Hoboken..... | 3 | 1 | 4 | (110) | 339 | 342 | 60 | 3,500 |
| 380 | Jersey City..... | 17 | 21 | 38 | 3 | 12 | 13 | ..... | ..... |
| 381 | Lambertville*..... | | | | 1 | 25 | 30 | 1 | 2,000 |
| 382 | Long Branch..... | 2 | 1 | 3 | 5 | 39 | 44 | ..... | 550 |
| 383 | Millville*..... | | | | 5 | 20 | 21 | 0 | 3,000 |
| 384 | Morristown..... | 1 | 0 | 1 | 2 | 18 | 20 | ..... | ..... |
| 385 | Morrisville..... | | | | 2 | 13 | 15 | 1 | 1,200 |
| 386 | Mount Holly..... | 0 | 0 | 0 | 1 | 48 | 49 | ..... | 2,500 |
| 387 | New Brunswick..... | 1 | 0 | 1 | 9 | 382 | 391 | 33 | 3,000 |
| 388 | Newark..... | 25 | 6 | 31 | 1 | 32 | 33 | 6 | 92,300 |
| 389 | Orange..... | 1 | 2 | 3 | 1 | 32 | 33 | ..... | ..... |
| 390 | Passaic..... | 0 | 0 | 0 | 1 | 32 | 33 | ..... | 1,900 |

* Statistics of 1887-88. ^a Except to indigent pupils. ^b In 1887-88. ^c \$810 to \$380. ^d \$450 to \$315. ^e About one-half of the books are free. ^f Some books are furnished. ^g The superintendent is also principal of the high school.

TABLE 15.—Statistics for 1888-89 of supervising officers, teachers, salaries, and accommodations in public schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | Number of supervising officers. | | | Number of regular class teachers. | | | Annual salary of city superintendent. | Average annual salary of principals. | Average annual salary of other teachers. | Number of buildings used for school purposes. | Total number of seats or sittings for study in all public schools. | Are text-books furnished free? | |
|-------------------------|---------------------------------|---------|--------|-----------------------------------|---------|--------|---------------------------------------|--------------------------------------|------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------|--------------------------------|------------------|
| | Number of supervising officers. | | | Number of regular class teachers. | | | | | | | | | |
| | Male. | Female. | Total. | Male. | Female. | Total. | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| NEW JERSEY—continued. | | | | | | | | | | | | | |
| 391 Paterson..... | | | | 15 | 186 | 201 | 37 | \$2,000 | \$1,140 | \$470 | 15 | 8,521 | Yes. |
| 392 Perth Amboy * | | | | 1 | 9 | 10 | | | | | 2 | 500 | Yes. |
| 393 Phillipsburgh..... | | | | 2 | 29 | 31 | 8 | 1,410 | 438 | 328 | 6 | 1,722 | No. |
| 394 Plainfield..... | 1 | 0 | 1 | 1 | 36 | 37 | 3 | | 2,500 | 600 | 5 | 1,629 | No. |
| 395 Rahway..... | | | | 4 | 17 | 21 | 4 | 400 | 900 | 415 | 4 | 1,175 | Yes. |
| 396 Salem..... | | | | 3 | 21 | 24 | 1 | 145 | 638 | 370 | 6 | 1,214 | No. ^a |
| 397 Trenton..... | | | | 1 | 123 | 124 | 12 | 500 | 794 | 465 | 23 | 5,866 | Yes. |
| 398 Woodbury * | | | | 1 | 14 | 15 | | | | | 6 | 680 | Yes. |
| NEW YORK. | | | | | | | | | | | | | |
| 399 Albany..... | 17 | 5 | 22 | 7 | 243 | 250 | | 3,000 | 1,330 | 515 | 24 | 12,325 | No. |
| 400 Alton..... | 1 | 0 | | 1 | 17 | 18 | | 800 | 1,000 | 350 | 6 | 1,056 | No. |
| 401 Amsterdam..... | 2 | 0 | 2 | 3 | 32 | 35 | 0 | 1,400 | | 440 | 6 | 1,500 | No. |
| 402 Auburn..... | | | | 2 | 92 | 97 | | 2,000 | 700 | 415 | 15 | 4,069 | No. |
| 403 Batavia..... | 1 | 0 | 1 | 0 | 20 | 20 | | 1,800 | 500 | 400 | 5 | 900 | No. |
| 404 Binghamton..... | 1 | 1 | 2 | 6 | 94 | 100 | 0 | 2,000 | 1,060 | 370 | 9 | 4,662 | No. ^b |
| 405 Brockport..... | 0 | 0 | 0 | 0 | 6 | 6 | 0 | | | | 3 | 280 | (c) |
| 406 Brooklyn..... | 57 | 109 | 166 | 12 | 1,605 | 1,617 | | 5,000 | | | 86 | 78,706 | Yes. |
| 407 Buffalo..... | | | | 48 | 634 | 682 | 96 | 4,500 | 1,200 | 500 | 48 | 21,943 | No. |
| 408 Canandaigua..... | 1 | 2 | 3 | 2 | 21 | 23 | 1 | 1,700 | | | 5 | 950 | No. |
| 409 Catskill..... | 1 | 0 | 1 | 3 | 13 | 16 | 3 | 1,200 | | 400 | 2 | 825 | No. |
| 410 Cohoes..... | 0 | 0 | 0 | 1 | 51 | 52 | 9 | 1,500 | | | 11 | 2,359 | No. ^b |
| 411 College Point..... | 0 | 0 | 0 | 0 | 10 | 13 | | | 1,475 | 483 | 2 | | Yes. |
| 412 Cortland..... | 0 | 0 | 0 | 3 | 15 | 18 | | 800 | | 340 | 4 | 785 | No. |
| 413 Dansville..... | 1 | 0 | 1 | 1 | 11 | 12 | | 1,400 | 1,400 | 420 | 1 | 650 | No. |
| 414 Dunkirk..... | 1 | 0 | 1 | 1 | 39 | 40 | 4 | 1,600 | 420 | 340 | 9 | 1,100 | No. |
| 415 Elmira..... | 1 | 0 | 1 | 1 | 11 | 12 | | 1,600 | 1,264 | 411 | 8 | 4,171 | No. ^b |
| 416 Flushing..... | 6 | 2 | 8 | 4 | 91 | 95 | 4 | 2,000 | 650 | 500 | 2 | 1,000 | Yes. |
| 417 Fulton..... | | | | 1 | 20 | 21 | | | 1,800 | 425 | 4 | 830 | No. |
| 418 Geneva..... | 1 | 1 | 2 | 1 | 21 | 22 | | 1,500 | 975 | | 4 | 1,676 | No. |
| 419 Gloversville..... | 0 | 0 | 0 | 2 | 31 | 33 | 1 | 1,500 | 553 | 413 | 4 | 1,652 | No. |
| 420 Green Island..... | 1 | 1 | 2 | 1 | 30 | 31 | | 1,400 | 1,400 | 500 | 2 | 706 | No. |
| 421 Haverstraw..... | | | | 1 | 13 | 14 | 3 | | 1,200 | | | | No. |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 524 | 525 | 526 | 527 | 528 | 529 | 530 | 531 | 532 | 533 | 534 | 535 | 536 | 537 | 538 | 539 | 540 | 541 | 542 | 543 | 544 | 545 | 546 | 547 | 548 | 549 | 550 | 551 | 552 | 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560 | 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 | 569 | 570 | 571 | 572 | 573 | 574 | 575 | 576 | 577 | 578 | 579 | 580 | 581 | 582 | 583 | 584 | 585 | 586 | 587 | 588 | 589 | 590 | 591 | 592 | 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600 | 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | 628 | 629 | 630 | 631 | 632 | 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640 | 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 | 649 | 650 | 651 | 652 | 653 | 654 | 655 | 656 | 657 | 658 | 659 | 660 | 661 | 662 | 663 | 664 | 665 | 666 | 667 | 668 | 669 | 670 | 671 | 672 | 673 | 674 | 675 | 676 | 677 | 678 | 679 | 680 | 681 | 682 | 683 | 684 | 685 | 686 | 687 | 688 | 689 | 690 | 691 | 692 | 693 | 694 | 695 | 696 | 697 | 698 | 699 | 700 | 701 | 702 | 703 | 704 | 705 | 706 | 707 | 708 | 709 | 710 | 711 | 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720 | 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 | 730 | 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 | 740 | 741 | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 | 750 | 751 | 752 | 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760 | 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 | 769 | 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 780 | 781 | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 | 790 | 791 | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 810 | 811 | 812 | 813 | 814 | 815 | 816 | 817 | 818 | 819 | 820 | 821 | 822 | 823 | 824 | 825 | 826 | 827 | 828 | 829 | 830 | 831 | 832 | 833 | 834 | 835 | 836 | 837 | 838 | 839 | 840 | 841 | 842 | 843 | 844 | 845 | 846 | 847 | 848 | 849 | 850 | 851 | 852 | 853 | 854 | 855 | 856 | 857 | 858 | 859 | 860 | 861 | 862 | 863 | 864 | 865 | 866 | 867 | 868 | 869 | 870 | 871 | 872 | 873 | 874 | 875 | 876 | 877 | 878 | 879 | 880 | 881 | 882 | 883 | 884 | 885 | 886 | 887 | 888 | 889 | 890 | 891 | 892 | 893 | 894 | 895 | 896 | 897 | 898 | 899 | 900 | 901 | 902 | 903 | 904 | 905 | 906 | 907 | 908 | 909 | 910 | 911 | 912 | 913 | 914 | 915 | 916 | 917 | 918 | 919 | 920 | 921 | 922 | 923 | 924 | 925 | 926 | 927 | 928 | 929 | 930 | 931 | 932 | 933 | 934 | 935 | 936 | 937 | 938 | 939 | 940 | 941 | 942 | 943 | 944 | 945 | 946 | 947 | 948 | 949 | 950 | 951 | 952 | 953 | 954 | 955 | 956 | 957 | 958 | 959 | 960 | 961 | 962 | 963 | 964 | 965 | 966 | 967 | 968 | 969 | 970 | 971 | 972 | 973 | 974 | 975 | 976 | 977 | 978 | 979 | 980 | 981 | 982 | 983 | 984 | 985 | 986 | 987 | 988 | 989 | 990 | 991 | 992 | 993 | 994 | 995 | 996 | 997 | 998 | 999 | 1000 | 1001 | 1002 | 1003 | 1004 | 1005 | 1006 | 1007 | 1008 | 1009 | 1010 | 1011 | 1012 | 1013 | 1014 | 1015 | 1016 | 1017 | 1018 | 1019 | 1020 | 1021 | 1022 | 1023 | 1024 | 1025 | 1026 | 1027 | 1028 | 1029 | 1030 | 1031 | 1032 | 1033 | 1034 | 1035 | 1036 | 1037 | 1038 | 1039 | 1040 | 1041 | 1042 | 1043 | 1044 | 1045 | 1046 | 1047 | 1048 | 1049 | 1050 | 1051 | 1052 | 1053 | 1054 | 1055 | 1056 | 1057 | 1058 | 1059 | 1060 | 1061 | 1062 | 1063 | 1064 | 1065 | 1066 | 1067 | 1068 | 1069 | 1070 | 1071 | 1072 | 1073 | 1074 | 1075 | 1076 | 1077 | 1078 | 1079 | 1080 | 1081 | 1082 | 1083 | 1084 | 1085 | 1086 | 1087 | 1088 | 1089 | 1090 | 1091 | 1092 | 1093 | 1094 | 1095 | 1096 | 1097 | 1098 | 1099 | 1100 | 1101 | 1102 | 1103 | 1104 | 1105 | 1106 | 1107 | 1108 | 1109 | 1110 | 1111 | 1112 | 1113 | 1114 | 1115 | 1116 | 1117 | 1118 | 1119 | 1120 | 1121 | 1122 | 1123 | 1124 | 1125 | 1126 | 1127 | 1128 | 1129 | 1130 | 1131 | 1132 | 1133 | 1134 | 1135 | 1136 | 1137 | 1138 | 1139 | 1140 | 1141 | 1142 | 1143 | 1144 | 1145 | 1146 | 1147 | 1148 | 1149 | 1150 | 1151 | 1152 | 1153 | 1154 | 1155 | 1156 | 1157 | 1158 | 1159 | 1160 | 1161 | 1162 | 1163 | 1164 | 1165 | 1166 | 1167 | 1168 | 1169 | 1170 | 1171 | 1172 | 1173 | 1174 | 1175 | 1176 | 1177 | 1178 | 1179 | 1180 | 1181 | 1182 | 1183 | 1184 | 1185 | 1186 | 1187 | 1188 | 1189 | 1190 | 1191 | 1192 | 1193 | 1194 | 1195 | 1196 | 1197 | 1198 | 1199 | 1200 | 1201 | 1202 | 1203 | 1204 | 1205 | 1206 | 1207 | 1208 | 1209 | 1210 | 1211 | 1212 | 1213 | 1214 | 1215 | 1216 | 1217 | 1218 | 1219 | 1220 | 1221 | 1222 | 1223 | 1224 | 1225 | 1226 | 1227 | 1228 | 1229 | 1230 | 1231 | 1232 | 1233 | 1234 | 1235 | 1236 | 1237 | 1238 | 1239 | 1240 | 1241 | 1242 | 1243 | 1244 | 1245 | 1246 | 1247 | 1248 | 1249 | 1250 | 1251 | 1252 | 1253 | 1254 | 1255 | 1256 | 1257 | 1258 | 1259 | 1260 | 1261 | 1262 | 1263 | 1264 | 1265 | 1266 | 1267 | 1268 | 1269 | 1270 | 1271 | 1272 | 1273 | 1274 | 1275 | 1276 | 1277 | 1278 | 1279 | 1280 | 1281 | 1282 | 1283 | 1284 | 1285 | 1286 | 1287 | 1288 | 1289 | 1290 | 1291 | 1292 | 1293 | 1294 | 1295 | 1296 | 1297 | 1298 | 1299 | 1300 | 1301 | 1302 | 1303 | 1304 | 1305 | 1306 | 1307 | 1308 | 1309 | 1310 | 1311 | 1312 | 1313 | 1314 | 1315 | 1316 | 1317 | 1318 | 1319 | 1320 | 1321 | 1322 | 1323 | 1324 | 1325 | 1326 | 1327 | 1328 | 1329 | 1330 | 1331 | 1332 | 1333 | 1334 | 1335 | 1336 | 1337 | 1338 | 1339 | 1340 | 1341 | 1342 | 1343 | 1344 | 1345 | 1346 | 1347 | 1348 | 1349 | 1350 | 1351 | 1352 | 1353 | 1354 | 1355 | 1356 | 1357 | 1358 | 1359 | 1360 | 1361 | 1362 | 1363 | 1364 | 1365 | 1366 | 1367 | 1368 | 1369 | 1370 | 1371 | 1372 | 1373 | 1374 | 1375 | 1376 | 1377 | 1378 | 1379 | 1380 | 1381 | 1382 | 1383 | 1384 | 1385 | 1386 | 1387 | 1388 | 1389 | 1390 | 1391 | 1392 | 1393 | 1394 | 1395 | 1396 | 1397 | 1398 | 1399 | 1400 | 1401 | 1402 | 1403 | 1404 | 1405 | 1406 | 1407 | 1408 | 1409 | 1410 | 1411 | 1412 | 1413 | 1414 | 1415 | 1416 | 1417 | 1418 | 1419 | 1420 | 1421 | 1422 | 1423 | 1424 | 1425 | 1426 | 1427 | 1428 | 1429 | 1430 | 1431 | 1432 | 1433 | 1434 | 1435 | 1436 | 1437 | 1438 | 1439 | 1440 | 1441 | 1442 | 1443 | 1444 | 1445 | 1446 | 1447 | 1448 | 1449 | 1450 | 1451 | 1452 | 1453 | 1454 | 1455 | 1456 | 1457 | 1458 | 1459 | 1460 | 1461 | 1462 | 1463 | 1464 | 1465 | 1466 | 1467 | 1468 | 1469 | 1470 | 1471 | 1472 | 1473 | 1474 | 1475 | 1476 | 1477 | 1478 | 1479 | 1480 | 1481 | 1482 | 1483 | 1484 | 1485 | 1486 | 1487 | 14 |
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TABLE 15.—Statistics for 1888-89 of supervising officers, teachers, salaries, and accommodations in public schools of cities and villages containing over 4,000 inhabitants.—Continued.

| City. | Number of supervising officers. | | | Number of regular class teachers. | | Number of substitute teachers. | Annual salary of city superintendent. | Average annual salary of principals. | Average annual salary of other teachers. | Number of buildings used for school purposes. | Total number of seats or sittings in all public schools. | Are text-books furnished free? |
|-------------------------|---------------------------------|---------|--------|-----------------------------------|---------|--------------------------------|---------------------------------------|--------------------------------------|------------------------------------------|-----------------------------------------------|----------------------------------------------------------|--------------------------------|
| | Male. | Female. | Total. | Male. | Female. | | | | | | | |
| 1 | 6 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 11 | 12 | 13 | 14 |
| NEW YORK—continued. | | | | | | | | | | | | |
| 470 Whitehall..... | 1 | 0 | 1 | 0 | 16 | 16 | ..... | ..... | \$350 | 5 | 900 | Yes. |
| 471 Yonkers..... | 1 | 3 | 4 | 4 | 56 | 60 | 0 | \$1,380 | 679 | 8 | 2,706 | Yes. |
| NORTH CAROLINA. | | | | | | | | | | | | |
| 472 Asheville..... | 1 | 2 | 3 | 6 | 17 | 23 | 2 | 500 | 280 | 3 | 1,100 | No. |
| 473 Durham..... | 1 | 0 | 1 | 5 | 9 | 14 | 3 | ..... | ..... | 2 | ..... | No. |
| 474 Fayetteville..... | 1 | 0 | 1 | 3 | 11 | 14 | 3 | ..... | ..... | 2 | 750 | No. |
| 475 Goldsborough..... | 1 | 0 | 1 | 3 | 15 | 18 | ..... | 400 | 238 | 2 | 1,150 | No. |
| 476 Greensborough..... | 1 | 0 | 1 | 3 | 5 | 9 | ..... | 500 | 310 | 2 | 400 | No. |
| 477 New Bern..... | 0 | 0 | 0 | 4 | 6 | 12 | ..... | 400 | ..... | 3 | ..... | No. |
| 478 Raleigh..... | ..... | ..... | ..... | 10 | 28 | 38 | ..... | 408 | 256 | 5 | 61,530 | No. |
| 479 Reidsville..... | ..... | ..... | ..... | (12) | ..... | 12 | ..... | ..... | ..... | ..... | ..... | ..... |
| 480 Winston..... | ..... | ..... | ..... | 8 | 13 | 21 | ..... | 1,000 | ..... | 3 | 653 | No. |
| OHIO. | | | | | | | | | | | | |
| 481 Akron..... | 4 | 0 | 4 | 2 | 87 | 89 | 13 | 785 | 466 | 11 | 4,700 | No. b |
| 482 Alliance..... | 1 | 1 | 2 | 5 | 21 | 26 | 0 | 800 | 389 | 5 | 1,600 | No. b |
| 483 Ashabula..... | 1 | 0 | 1 | 2 | 15 | 17 | 0 | 900 | 428 | 4 | 841 | No. b |
| 484 Bellefonte..... | ..... | ..... | ..... | 3 | 29 | 32 | ..... | ..... | ..... | 6 | 1,575 | No. |
| 485 Bellefontaine..... | ..... | ..... | ..... | 3 | 17 | 20 | ..... | 567 | 369 | 3 | 812 | No. |
| 486 Bucyrus..... | 0 | 0 | 0 | 3 | 17 | 20 | ..... | 720 | 333 | 2 | 1,180 | No. |
| 487 Canton..... | ..... | ..... | ..... | 11 | 53 | 64 | ..... | 2,000 | ..... | 11 | ..... | No. |
| 488 Chillicothe..... | 2 | 0 | 2 | 1 | 37 | 38 | 0 | 2,000 | 426 | 5 | 2,000 | No. b |
| 489 Cincinnati..... | ..... | ..... | ..... | 89 | 516 | 605 | 100 | 1,750 | 600 | 56 | 38,747 | No. b |
| 490 Cleveland..... | ..... | ..... | ..... | 1 | 28 | 29 | ..... | 1,500 | 519 | 3 | 1,190 | No. b |
| 491 Cleveland..... | 7 | 2 | 9 | 32 | 643 | 675 | 0 | 1,050 | 644 | 652 | 655,520 | No. b |
| 492 Columbus..... | 6 | 10 | 16 | 15 | 214 | 229 | 2 | 3,000 | 612 | -23 | 12,000 | No. |
| 493 Dayton..... | 3 | 0 | 3 | 8 | 163 | 171 | ..... | 1,088 | ..... | 19 | 6,760 | No. |
| 494 Defiance..... | 1 | 0 | 1 | 0 | 23 | 23 | ..... | 1,536 | ..... | 4 | 1,200 | No. |
| 495 Delaware..... | 1 | 0 | 1 | 0 | 28 | 28 | ..... | 700 | 350 | 7 | ..... | No. |
| 496 Delphos..... | ..... | ..... | ..... | 4 | 12 | 16 | ..... | ..... | ..... | 3 | 900 | No. c |
| 497 East Liverpool..... | ..... | ..... | ..... | 0 | 32 | 32 | 4 | 800 | 315 | 7 | 1,768 | No. c |
| 498 Elyria..... | 1 | 0 | 1 | 0 | 20 | 20 | ..... | ..... | 400 | 5 | 976 | No. |
| 499 Findlay..... | ..... | ..... | ..... | 3 | 25 | 28 | ..... | ..... | ..... | 3 | 1,500 | No. |

| | | | | | | | | | | | | | | | |
|-----|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|--------|-------|
| 500 | Fosteria..... | 1 | 0 | 1 | 2 | 3 | 17 | 19 | 3 | 1,500 | 630 | ..... | 4 | 1,010 | No. |
| 501 | Freemont..... | 1 | 0 | 1 | 3 | 2 | 21 | 24 | ..... | 1,840 | 700 | 401 | 6 | 1,150 | No. |
| 502 | Gallatin..... | 1 | 0 | 1 | 3 | 3 | 25 | 28 | ..... | 1,300 | 850 | 338 | 2 | 1,120 | No. |
| 503 | Gallipolis..... | 1 | 0 | 1 | 7 | 15 | 37 | 47 | ..... | 1,300 | 800 | 315 | 7 | 1,200 | No. |
| 504 | Greenville*..... | 1 | 0 | 1 | 10 | 10 | 37 | 47 | 5 | 2,700 | 910 | 589 | 2 | 2,475 | No. b |
| 505 | Hamilton..... | 1 | 0 | 1 | 3 | 40 | 43 | 43 | 0 | 1,800 | 700 | 450 | 5 | 1,845 | No. b |
| 506 | Ironton..... | 1 | 0 | 1 | 3 | 20 | 24 | 27 | 3 | 1,350 | ..... | ..... | 3 | 1,400 | No. |
| 507 | Kenton*..... | 1 | 0 | 1 | 4 | 40 | 43 | 43 | 0 | 1,500 | 783 | 487 | 3 | 1,400 | No. |
| 508 | Lancaster..... | 2 | 0 | 2 | 3 | 24 | 27 | 27 | 3 | 1,500 | 783 | 487 | 5 | 2,395 | No. |
| 509 | Lima..... | 2 | 0 | 2 | 5 | 42 | 47 | 47 | 0 | 2,000 | 1,200 | 400 | 8 | 63,030 | No. |
| 510 | Mansfield*..... | 1 | 0 | 1 | 2 | 48 | 50 | 50 | ..... | 2,000 | ..... | ..... | 8 | 1,480 | No. |
| 511 | Marion*..... | 1 | 0 | 1 | 3 | 23 | 26 | 26 | ..... | 1,500 | ..... | ..... | 7 | 1,480 | No. |
| 512 | Martinet*..... | 1 | 0 | 1 | 3 | 23 | 26 | 26 | ..... | 1,500 | ..... | ..... | 7 | 1,480 | No. |
| 513 | Martin's Ferry..... | 1 | 0 | 1 | 0 | 19 | 19 | 19 | ..... | 1,500 | ..... | ..... | 3 | 1,015 | No. b |
| 514 | Massillon*..... | 1 | 0 | 1 | 3 | 17 | 20 | 20 | 4 | 1,300 | 522 | 300 | 4 | 1,594 | No. |
| 515 | Middletown..... | 1 | 0 | 1 | 3 | 25 | 28 | 28 | ..... | 1,800 | ..... | ..... | 6 | 1,300 | No. |
| 516 | Mount Vernon*..... | 1 | 0 | 1 | 0 | 24 | 24 | 24 | 3 | 1,500 | 500 | 440 | 3 | 1,300 | No. |
| 517 | Mount Vernon*..... | 1 | 0 | 1 | 4 | 21 | 25 | 25 | ..... | 1,550 | ..... | ..... | 6 | 1,300 | No. |
| 518 | Nelsonville*..... | 1 | 0 | 1 | 1 | 18 | 19 | 19 | 3 | 1,300 | ..... | ..... | 2 | 969 | No. |
| 519 | Newark..... | 1 | 0 | 1 | 5 | 49 | 54 | 54 | ..... | 1,800 | 600 | ..... | 10 | 2,930 | No. |
| 520 | Norwalk..... | 1 | 0 | 1 | 5 | 25 | 30 | 30 | 1 | 1,600 | 450 | 420 | 6 | 1,300 | No. |
| 521 | Painesville..... | 1 | 0 | 1 | 3 | 14 | 17 | 17 | ..... | 1,500 | 400 | 500 | 3 | 1,300 | No. |
| 522 | Piqua..... | 0 | 0 | 0 | 2 | 24 | 26 | 26 | 0 | 2,000 | 450 | ..... | 4 | 1,154 | No. d |
| 523 | Pomeroy..... | 0 | 0 | 0 | 5 | 18 | 23 | 23 | ..... | 900 | 567 | 448 | 7 | 2,000 | No. |
| 524 | Portsmouth..... | 0 | 0 | 0 | 4 | 35 | 40 | 40 | ..... | 1,600 | ..... | ..... | 6 | 2,000 | No. |
| 525 | Salem*..... | 1 | 0 | 1 | 0 | 18 | 18 | 18 | ..... | 1,600 | 750 | ..... | 2 | 2,000 | No. |
| 526 | Sandusky..... | 1 | 0 | 1 | 4 | 59 | 62 | 62 | 15 | 1,400 | 750 | ..... | 9 | 3,503 | No. |
| 527 | Sidney..... | 0 | 0 | 0 | 4 | 20 | 24 | 24 | 0 | 1,200 | 549 | 405 | 5 | 931 | No. b |
| 528 | Springfield*..... | 0 | 0 | 0 | (III) | 111 | 111 | 111 | ..... | 1,500 | ..... | ..... | 15 | 2,167 | No. |
| 529 | Staubenville..... | 0 | 0 | 0 | 5 | 44 | 49 | 49 | 9 | 1,750 | 917 | 438 | 6 | 2,167 | No. |
| 530 | Tiffin..... | 0 | 0 | 0 | 2 | 27 | 29 | 29 | 0 | 1,800 | 510 | 400 | 5 | 1,440 | No. |
| 531 | Troy..... | 1 | 0 | 1 | 17 | 189 | 206 | 206 | 0 | 2,750 | 730 | 500 | 28 | 12,000 | No. |
| 532 | Urbana*..... | 3 | 0 | 3 | 4 | 19 | 23 | 23 | 0 | 1,800 | 700 | 425 | 3 | 1,900 | No. b |
| 533 | Van Wert..... | ..... | ..... | ..... | 7 | 14 | 21 | 21 | ..... | 1,800 | ..... | ..... | 6 | 1,000 | No. b |
| 534 | Warren*..... | 1 | 0 | 1 | 3 | 20 | 23 | 23 | ..... | 1,125 | 510 | 369 | 3 | 1,150 | No. |
| 535 | Washington C. H..... | 1 | 0 | 1 | 3 | 21 | 24 | 24 | ..... | 1,000 | ..... | ..... | 8 | ..... | No. |
| 536 | Wooster*..... | 0 | 0 | 0 | 4 | 22 | 26 | 26 | ..... | 1,500 | 980 | 459 | 4 | 61,000 | No. |
| 537 | Xenia*..... | 1 | 0 | 1 | 1 | 27 | 28 | 28 | ..... | 1,800 | ..... | ..... | 6 | 1,458 | No. |
| 538 | Youngstown..... | 2 | 2 | 4 | 6 | 69 | 74 | 74 | ..... | 1,000 | ..... | ..... | 6 | 1,458 | No. |
| 539 | Zanesville*..... | 1 | 0 | 1 | 7 | 61 | 68 | 68 | ..... | 2,200 | 900 | ..... | 10 | 63,206 | No. |
| 540 | Astoria..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 300 | 1,000 | 500 | a2 | ..... | No. |
| 541 | Portland..... | 3 | 5 | 8 | 5 | 84 | 89 | 89 | 0 | 3,000 | 1,800 | 800 | 7 | 3,250 | No. |
| 542 | Salem..... | 1 | 0 | 1 | 3 | 13 | 16 | 16 | ..... | 1,100 | 750 | 470 | 3 | 814 | No. |
| 543 | Allegheny..... | 13 | 0 | 13 | 22 | 256 | 278 | 278 | 0 | 2,200 | 1,358 | 537 | 23 | 10,000 | No. |
| 544 | Allentown..... | 1 | 0 | 1 | 14 | 60 | 74 | 74 | ..... | 1,500 | ..... | ..... | 11 | 4,200 | No. |
| 545 | Altoona..... | 1 | 0 | 1 | 10 | 80 | 90 | 90 | 7 | 1,500 | 510 | 337 | 12 | 4,500 | No. |

b Except to indigent pupils.
d Some books are furnished free.

a In 1887-88.

* Statistics of 1887-88.
c The board of education sells text-books at cost.

OREGON.

PENNSYLVANIA.

TABLE 15.—Statistics for 1888-89 of supervising officers, teachers, salaries, and accommodations in public schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | Number of supervising officers. | | | Number of regular class teachers. | | | Number of substitute teachers. | Annual salary of city superintendent. | Average annual salary of principals. | Average annual salary of other teachers. | Number of buildings used for school purposes. | Total number of seats or sittings in all public schools. | Are text-books furnished free? |
|-----------------------------|---------------------------------|----------|----------|-----------------------------------|----------|----------|--------------------------------|---------------------------------------|--------------------------------------|------------------------------------------|-----------------------------------------------|----------------------------------------------------------|--------------------------------|
| | Male. | Female. | Total. | Male. | Female. | Total. | | | | | | | |
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| SOUTH CAROLINA. | | | | | | | | | | | | | |
| 625 Charleston..... | 5 | 9 | 14 | 8 | 99 | 107 | 5 | \$2,500 | \$1,733 | \$583 | 6 | 4,800 | No. |
| 626 Columbia..... | 1 | 0 | 1 | 24 | 4 | 28 | ..... | 1,500 | ..... | ..... | 4 | 1,192 | No. |
| 627 Greenville*..... | 2 | 0 | 2 | 4 | 14 | 18 | ..... | 1,000 | ..... | ..... | 4 | 500 | No. |
| 628 Spartanburgh, C. H..... | ..... | ..... | ..... | 2 | 9 | 11 | ..... | 960 | ..... | 232 | 5 | ..... | No. |
| TENNESSEE. | | | | | | | | | | | | | |
| 629 Chattanooga..... | ..... | ..... | ..... | 11 | 45 | 56 | ..... | 1,800 | 963 | 410 | 5 | 3,400 | No. |
| 630 Clarksville..... | 1 | 0 | 1 | 4 | 17 | 21 | ..... | 1,500 | 600 | 332 | 2 | 1,094 | No. |
| 631 Jackson..... | ..... | ..... | ..... | 3 | 19 | 22 | 3 | 1,500 | 675 | 416 | 4 | 2,180 | No. |
| 632 Knoxville..... | 5 | 4 | 9 | 20 | 36 | 56 | 5 | 1,800 | 830 | 500 | 9 | 2,600 | No. |
| 633 Memphis..... | 1 | 7 | 8 | 11 | 76 | 87 | 0 | 2,000 | 900 | 585 | 12 | 3,500 | No. |
| 634 Nashville..... | 3 | 0 | 3 | 35 | 112 | 147 | 0 | 2,400 | ..... | ..... | 13 | 6,270 | No. |
| 635 Union City..... | 1 | 0 | 1 | 2 | 9 | 11 | 2 | 1,200 | 500 | 400 | 3 | 800 | No. |
| TEXAS. | | | | | | | | | | | | | |
| 636 Austin..... | 1 | 1 | 2 | 9 | 51 | 60 | 5 | 1,800 | 1,200 | 540 | 14 | 2,835 | No. |
| 637 Brenham..... | 1 | 1 | 2 | 6 | 14 | 20 | 4 | 1,200 | 750 | 503 | 4 | 1,180 | No. |
| 638 Brownsville..... | 0 | 0 | 0 | 3 | 9 | 12 | 2 | ..... | (1,300) | 400 | 6 | 500 | No. |
| 639 Dallas..... | ..... | ..... | ..... | 17 | 33 | 50 | 3 | ..... | 794 | 586 | 11 | 2,700 | No. |
| 640 Denison..... | 1 | 0 | 1 | 3 | 23 | 26 | ..... | 1,500 | 533 | 479 | 6 | 1,340 | No. |
| 641 El Paso..... | 1 | 2 | 3 | 2 | 12 | 14 | 0 | 2,400 | 900 | 675 | 5 | 557 | No. |
| 642 Fort Worth..... | 1 | 0 | 1 | 10 | 33 | 43 | 3 | 2,000 | 807 | 620 | 8 | 1,890 | No. |
| 643 Galveston..... | 1 | 0 | 1 | 19 | 71 | 90 | 12 | 2,400 | 846 | 498 | 11 | 4,023 | No. |
| 644 Houston..... | 1 | 0 | 1 | 16 | 38 | 54 | 6 | 2,000 | 771 | 510 | 12 | 2,420 | No. |
| 645 Marshall..... | 1 | 0 | 1 | 9 | 8 | 17 | ..... | ..... | ..... | ..... | 17 | ..... | No. |
| 646 Palestine..... | ..... | ..... | ..... | 4 | 7 | 11 | 0 | 1,500 | 1,000 | ..... | 3 | 500 | No. |
| 647 Paris..... | 1 | 0 | 1 | 3 | 27 | 30 | 1 | 1,700 | 720 | 495 | 4 | 1,420 | No. |
| 648 San Antonio*..... | 1 | 2 | 3 | (55) | 65 | 65 | 1 | 1,500 | 630 | 500 | 11 | 3,416 | No. |
| 649 Sherman..... | 7 | 1 | 8 | 2 | 17 | 19 | 2 | 1,500 | 687 | 553 | 3 | 1,050 | No. |
| 650 Waco..... | ..... | ..... | ..... | 10 | 27 | 37 | ..... | ..... | ..... | ..... | 10 | 2,000 | No. |
| UTAH. | | | | | | | | | | | | | |
| 651 Logan..... | 0 | 0 | 0 | 3 | 2 | 5 | ..... | 1,500 | ..... | 711 | 6 | 1,270 | No. |
| 652 Ogden City..... | 1 | 0 | 1 | 3 | 6 | 9 | ..... | ..... | ..... | ..... | 6 | ..... | No. |

| | | | | | | | | | | | |
|----------------|----------------|----|---|----|----|-----|-----|-------|-------|----|-------|
| 653 | Provo City* | 1 | 0 | 1 | 6 | 5 | 11 | 900 | 350 | 4 | 700 |
| 654 | Salt Lake City | | | | 20 | 30 | 50 | 600 | 675 | 21 | |
| VERMONT. | | | | | | | | | | | |
| 655 | Bennington * | | | | 4 | 10 | 14 | 1,200 | | 1 | 656 |
| 656 | Battleborough | 0 | 1 | 1 | 2 | 24 | 26 | 5 | 1,500 | 7 | 788 |
| 657 | Burlington | 2 | 1 | 3 | 2 | 39 | 41 | 2 | 800 | 19 | |
| 658 | Rutland | 0 | 0 | 0 | 1 | 27 | 28 | 1 | 1,300 | 6 | 1,000 |
| 659 | St. Albans * | | | | 1 | 18 | 19 | | | | |
| 660 | St. Johnsbury | 0 | 0 | 0 | 0 | 30 | 30 | 250 | 526 | 5 | 800 |
| VIRGINIA. | | | | | | | | | | | |
| 661 | Alexandria | 0 | 0 | 0 | 7 | 21 | 28 | 7 | 750 | 5 | 1,550 |
| 662 | Danville | | | | 6 | 25 | 31 | 225 | | 3 | 1,210 |
| 663 | Fredricksburgh | 0 | 0 | 0 | 2 | 11 | 13 | 0 | | 4 | 988 |
| 664 | Lynchburgh * | | | | 16 | 43 | 59 | 1,300 | | 10 | 2,700 |
| 665 | Manchester | | | | 5 | 10 | 15 | | | 2 | 1,000 |
| 666 | Norfolk | | | | 6 | 25 | 41 | | | 7 | 2,040 |
| 667 | Petersburgh | 2 | 1 | 3 | 4 | 44 | 48 | | | 10 | 2,476 |
| 668 | Portsmouth | | | | 3 | 20 | 23 | 4 | 540 | 3 | 1,222 |
| 669 | Richmond | 17 | 0 | 17 | 31 | 193 | 241 | 0 | 933 | 24 | 9,978 |
| 670 | Roanoke | | | | 7 | 11 | 14 | 2,000 | 1,299 | 3 | 1,400 |
| 671 | Staunton | 0 | 0 | 0 | 4 | 15 | 22 | 2 | 585 | 2 | 1,200 |
| 672 | Winchester* | | | | 4 | 8 | 12 | 400 | 285 | 2 | 800 |
| WASHINGTON. | | | | | | | | | | | |
| 673 | Seattle | 0 | 1 | 1 | 3 | 35 | 38 | | | 5 | |
| 674 | Spokane Falls | 1 | 0 | 1 | 1 | 16 | 17 | 2 | 867 | 6 | 720 |
| 675 | Tacoma | 1 | 1 | 2 | 1 | 28 | 29 | | 2,400 | 5 | 1,372 |
| 676 | Walla Walla | | | | 1 | 12 | 13 | 1,500 | | 3 | 600 |
| WEST VIRGINIA. | | | | | | | | | | | |
| 677 | Charleston | 1 | 0 | 1 | 4 | 22 | 26 | 1,300 | 600 | 5 | 1,230 |
| 678 | Grafton | 0 | 0 | 0 | 5 | 11 | 16 | 800 | 480 | 3 | 680 |
| 679 | Martinsburgh | 0 | 0 | 0 | 7 | 15 | 22 | 8 | 500 | 6 | 700 |
| 680 | Parkeburgh | 2 | 3 | 5 | 7 | 34 | 41 | 1,350 | 650 | 6 | 1,679 |
| 681 | Wheeling | 6 | 2 | 8 | 6 | 110 | 116 | 1,800 | 1,200 | 12 | 5,000 |
| WISCONSIN. | | | | | | | | | | | |
| 682 | Appleton | 3 | 1 | 4 | 8 | 40 | 48 | 450 | 1,150 | 8 | 2,600 |
| 683 | Baraboo | 1 | 0 | 1 | 1 | 18 | 19 | 300 | 1,200 | 3 | 800 |
| 684 | Beaver Dam * | | | | 1 | 13 | 14 | | | 4 | 900 |
| 685 | Beloit | 0 | 0 | 0 | 1 | 21 | 22 | 100 | 1,200 | 4 | 1,600 |
| 686 | Berlin | 3 | 2 | 5 | 2 | 18 | 20 | 2 | 1,300 | 3 | 1,070 |
| 687 | Chippewa Falls | 1 | 0 | 1 | 2 | 23 | 25 | 2 | 405 | 6 | 1,000 |
| 688 | Eau Claire | 3 | 3 | 0 | 3 | 43 | 46 | 1,600 | 461 | 13 | 2,875 |
| 689 | Fond du Lac | 1 | 0 | 1 | 4 | 45 | 51 | 400 | 450 | 18 | 2,800 |
| 690 | Fort Howard | 0 | 0 | 0 | 1 | 17 | 19 | 250 | 713 | 6 | 880 |
| 691 | Green Bay | | | | 1 | 23 | 24 | 350 | 700 | 6 | 1,400 |

c Except to indigent pupils.
d Books are free in all grades below the sixth.
e Books are rented to pupils.

* Statistics of 1887-88.

a In 1887-88.

6 Except music books and physiologies.

TABLE 15.—Statistics for 1888-89 of supervising officers, teachers, salaries, and accommodations in public schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | Number of supervising officers. | | | Number of regular class teachers. | | | Number of substitute teachers. | Annual salary of city superintendent. | Average annual salary of principals. | Average annual salary of other teachers. | Number of buildings used for school purposes. | Total number of seats or sittings for study in all public schools. | Are text books furnished free? |
|-------------------------|---------------------------------|---|---------|-----------------------------------|-----|---------|--------------------------------|---------------------------------------|--------------------------------------|------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------|--------------------------------|
| | Male. | | Female. | Male. | | Female. | | | | | | | |
| | 2 | 3 | 4 | 5 | 6 | 7 |  |  |  |  |  |  |  | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| WISCONSIN—continued. | | | | | | | | | | | | | |
| 692 Janesville..... | 1 | 0 | 1 | 2 | 40 | 42 | 6 | \$1,500 | \$550 | \$351 | 6 | 1,705 | No. |
| 693 Kenosha..... | 1 | 2 | 3 | 8 | 15 | 16 | 2 | 2,200 | 1,200 | 382 | 4 | 1,740 | No. |
| 694 La Crosse..... | 1 | 0 | 1 | 2 | 73 | 81 | 5 | 2,250 | 1,143 | 453 | 13 | 3,900 | Yes. |
| 695 Madison..... | 1 | 0 | 1 | 1 | 43 | 45 | ..... | 2,000 | 666 | 383 | 9 | 1,900 | Yes. |
| 696 Marinette..... | 0 | 0 | 0 | 1 | 24 | 25 | ..... | ..... | ..... | ..... | 4 | 1,100 | Yes. |
| 697 Menasha..... | 0 | 0 | 0 | 1 | 10 | 11 | 0 | 75 | 1,100 | 380 | 7 | 1,650 | No. |
| 698 Menomonie..... | 0 | 1 | 1 | 2 | 23 | 25 | ..... | 200 | 1,600 | 397 | 7 | 1,140 | No. |
| 699 Merrill..... | 0 | 0 | 0 | 1 | 13 | 16 | ..... | 250 | 1,900 | 336 | 4 | 1,000 | No. |
| 700 Milwaukee..... | 29 | 5 | 34 | 6 | 335 | 401 | 11 | 3,000 | 1,464 | 560 | 35 | 22,366 | No. |
| 701 Monroe..... | 0 | 0 | 0 | 1 | 16 | 17 | 0 | 1,200 | 1,300 | 327 | 3 | 1,000 | No. |
| 702 Neenah..... | 1 | 0 | 1 | 2 | 17 | 19 | ..... | 200 | 1,300 | 372 | 5 | 1,200 | No. ^b |
| 703 Oconto..... | 0 | 0 | 0 | 0 | 10 | 15 | ..... | 200 | ..... | ..... | 4 | 746 | No. |
| 704 Oshkosh..... | 1 | 1 | 2 | 9 | 51 | 60 | ..... | 600 | ..... | ..... | 9 | 3,500 | No. |
| 705 Portage..... | 6 | 2 | 8 | 1 | 18 | 19 | ..... | 300 | ..... | 353 | 5 | 1,210 | No. |
| 706 Racine..... | 1 | 0 | 1 | 8 | 52 | 60 | ..... | 1,200 | 1,112 | 405 | 8 | 3,200 | No. ^b |
| 707 Sheboygan..... | 1 | 0 | 1 | 8 | 26 | 34 | 0 | 500 | 1,600 | 582 | 5 | 2,200 | No. ^b |
| 708 Stevens' Point..... | 1 | 0 | 1 | 1 | 24 | 25 | 1 | 1,600 | 1,600 | 425 | 7 | 1,300 | No. |
| 709 Watertown*..... | 1 | 0 | 1 | 3 | 21 | 24 | 0 | 1,600 | ..... | ..... | 5 | 1,200 | Yes. |
| 710 Waukesha..... | 1 | 0 | 1 | 1 | 16 | 17 | ..... | 300 | 1,500 | 425 | 3 | 1,300 | No. |
| 711 Wausau..... | 2 | 0 | 2 | 3 | 22 | 25 | ..... | 100 | 1,410 | 360 | 10 | 1,270 | No. |
| 712 White Water..... | 2 | 0 | 2 | 2 | 13 | 15 | ..... | ..... | 1,050 | 420 | 2 | 692 | No. |
| WYOMING. | | | | | | | | | | | | | |
| 713 Cheyenne..... | 1 | 0 | 1 | 3 | 20 | 23 | 1 | 2,000 | 800 | 700 | 3 | 850 | No. ^b |

* Statistics of 1887-88.

^a This number does not include twelve special teachers of German.^b Except to indigent pupils.^c In 1887-88.

TABLE 16.—Statistics for 1888-89 of public high schools in cities and villages containing over 4,000 inhabitants.

| City. | Number of such schools. | | | Number of instructors. | | | Number of different pupils enrolled. | | | Average daily attendance. | | | Number of students in— | | | | | | Number graduated during 1888-89. | | | Value of scientific apparatus. |
|----------------------|-------------------------|---|----|------------------------|---------|--------|--------------------------------------|---------|--------|---------------------------|---------|--------|------------------------|-------------------------------|--------------------|----------------------------|---------------------------------|-------|----------------------------------|--------|-------------------------------|--------------------------------|
| | 2 | 3 | 4 | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Classical course. | English or scientific course. | Commercial course. | Teachers' training course. | Other courses and unclassified. | Male. | Female. | Total. | Number of volumes in library. | |
| 1 | | | | | | | | | | | | | | | | | | | | | | |
| ALABAMA. | | | | | | | | | | | | | | | | | | | | | | |
| 1 Birmingham | 1 | 2 | 2 | 4 | 26 | 61 | 17 | 44 | 61 | | | | 70 | 17 | | 17 | | 3 | 9 | 12 | 1,000 | |
| 2 Eufaula | | | | | | | | | | | | | | | | | | | | | | |
| 3 Huntsville | | | | | | | | | | | | | | | | | | | | | | |
| 4 Lively* | 1 | 1 | 0 | 1 | | | | | | | | | | | | | | | | | | |
| 5 Mobile* | 3 | 4 | 6 | 10 | 80 | 190 | 75 | 182 | 257 | | | | | 68 | 42 | | | 0 | 10 | 10 | 200 | \$3,000 |
| 6 Montgomery | 2 | 1 | 3 | 4 | 15 | 75 | | | | | | | | | | | | | | | 100 | 100 |
| 7 Selma | | | | | | | | | | | | | | | | | | | | | | |
| 8 Tuscaloosa | 1 | 2 | 0 | 2 | 28 | 16 | | | | | | | 44 | 0 | 0 | 0 | 0 | | | | | |
| ARIZONA. | | | | | | | | | | | | | | | | | | | | | | |
| 9 Tucson* | 1 | 1 | 0 | 1 | (21) | 21 | | | | | | | | | | | | | | | 225 | |
| ARKANSAS. | | | | | | | | | | | | | | | | | | | | | | |
| 10 Fort Smith | 1 | 3 | 2 | 5 | 40 | 60 | 30 | 50 | 80 | | | | | | 0 | 0 | 25 | | 4 | | 100 | 1,000 |
| 11 Helena* | 1 | 1 | 0 | 1 | 7 | 20 | 27 | 15 | 20 | | | | | 23 | | | | | | | | |
| 12 Little Rock | 2 | 2 | 2 | 4 | 50 | 130 | 42.5 | 117.4 | 159.9 | | | | | | | | 180 | 1 | 19 | 20 | | 200 |
| 13 Pine Bluff* | 1 | | | | | | | | | | | | | | | | | | | | | |
| 14 Texarkana* | 0 | | | | | | | | | | | | | | | | | | | | | |
| CALIFORNIA. | | | | | | | | | | | | | | | | | | | | | | |
| 15 Chico | | | | | | | | | | | | | | | | | | | | | | |
| 16 Eureka | | | | | | | | | | | | | | | | | | | | | | |
| 17 Los Angeles | 1 | 1 | 5 | 6 | 93 | 96 | (175) | 175 | | | | | | | 0 | 0 | 0 | 16 | 10 | 26 | 3,000 | 1,000 |
| 18 Marysville | 1 | 0 | 1 | 1 | 22 | 12 | | | | | | | 11 | | | | | 0 | 3 | 3 | 1,000 | 600 |
| 19 Oakland | 1 | 4 | 10 | 14 | 290 | 247 | 249 | 220 | 469 | | | | 252 | 249 | | | | 40 | 65 | 105 | (b) | 200 |

* Statistics of 1887-88.

^a The training class is not a part of the high school.^b The library has been destroyed by fire.

TABLE 16.—Statistics for 1888-89 of public high schools in cities and villages containing over 4,000 inhabitants—Continued.

| City. | Number of such schools. | Number of instructors. | | | Number of different pupils enrolled. | | | Average daily attendance. | | Number of students in— | | | | | | | Number graduated during 1888-89. | | Number of volumes in library. | Value of scientific apparatus. |
|-------------------------------|-------------------------|------------------------|----------|----------|--------------------------------------|----------|----------|---------------------------|-----------|------------------------|-------------------------------|--------------------|----------------------------|---------------------------------|-----------|-----------|----------------------------------|-----------|-------------------------------|--------------------------------|
| | | | | | | | | | | Classical course. | English or scientific course. | Commercial course. | Teachers' training course. | Other courses and unclassified. | Male. | Female. | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| CALIFORNIA—cont'd. | | | | | | | | | | | | | | | | | | | | |
| 20 Pasadena | 1 | 1 | 2 | 3 | 39 | 50 | 89 | (81) | 81 | (a) | | | | | | | | | | |
| 21 Riverside | | | | | | | | | | | | | | | | | | | | |
| 22 Sacramento | 1 | 3 | 3 | 6 | 46 | 129 | 175 | (111) | 111 | 69 | 42 | 8 | | | 10 | 5 | 23 | 23 | 400 | 0 |
| 23 San Francisco | 2 | 14 | 15 | 29 | 317 | 706 | 1,023 | 251 | 585 | 332 | 631 | 60 | | | 0 | 43 | 140 | 183 | 273 | \$1,000 |
| 24 San José | 1 | 2 | 2 | 4 | 61 | 100 | 161 | 50 | 81 | 33 | 85 | | | | 13 | 6 | 11 | 17 | 1,613 | 2,300 |
| 25 Santa Cruz | 1 | 2 | 2 | 4 | 13 | 47 | 60 | 11 | 36 | 47 | 7 | 40 | | | 8 | 2 | 10 | 12 | 560 | 1,200 |
| 26 Santa Rosa | 1 | 2 | 1 | 3 | 32 | 39 | 71 | (59.5) | 59.5 | 0 | 71 | 0 | | | 0 | 5 | 10 | 12 | 450 | 400 |
| 27 Vallejo | 1 | 1 | 0 | 1 | 44 | 25 | 69 | 42 | 25 | 67 | | | | | | 1 | 7 | 12 | 100 | 100 |
| 28 Woodland | 0 | | | | | | | | | | | | | | | 1 | 1 | 2 | 912 | 2,726 |
| COLORADO. | | | | | | | | | | | | | | | | | | | | |
| 29 Aspen | 1 | 1 | 1 | 2 | 10 | 20 | 30 | 11 | 17 | 28 | 4 | 26 | 0 | | 0 | 1 | 5 | 6 | 150 | 25 |
| 30 Colorado Springs | 1 | 1 | 3 | 4 | 36 | 30 | 66 | 25 | 23 | 48 | 19 | 38 | 0 | | 9 | 3 | 3 | 6 | 919 | 2,000 |
| 31 Denver (Dist. No. 1) | 1 | | | | | | | | | | | | | | | | | | | |
| 32 Leadville | 1 | 1 | 2 | 3 | 12 | 12 | 24 | 8 | 9 | 17 | 0 | 24 | 0 | | 0 | | | | 995 | 500 |
| 33 Pueblo (Dist. No. 1) | 1 | 1 | 2 | 3 | 622 | 630 | 652 | | | | | | | | | | | | 6300 | |
| CONNECTICUT. | | | | | | | | | | | | | | | | | | | | |
| 34 Bridgeport | 1 | 1 | 7 | 8 | 91 | 183 | 274 | (227) | 227 | 40 | 30 | 30 | | | | (31) | 31 | 31 | | |
| 35 Bristol | 1 | 1 | 2 | 3 | (100) | 100 | 100 | (92) | 92 | 39 | 217 | 0 | | | 0 | 3 | 10 | 13 | 50 | 150 |
| 36 Hartford | 1 | 1 | 8 | 10 | (684) | 684 | 684 | (108) | 108 | 399 | 217 | 0 | | | | 51 | 38 | 38 | 1,850 | 3,000 |
| 37 Meriden | 1 | 1 | 2 | 4 | (255) | 255 | 255 | | | | | | | | | 5 | 20 | 25 | 6300 | 6300 |
| 38 Middletown | 1 | 1 | 3 | 4 | 640 | 646 | 686 | 683 | 644 | | | | | | | 1 | 8 | 9 | 6300 | 6300 |
| 39 New Britain | 1 | 1 | 3 | 6 | (175) | 175 | 175 | (6168) | 6168 | 75 | 100 | 100 | | | | (204) | 21 | 21 | 500 | 300 |
| 40 New Haven | 1 | 1 | 8 | 14 | (678) | 678 | 678 | (571) | 571 | 92 | 411 | 78 | | | | 0 | 104 | 104 | 2,417 | 5,000 |
| 41 New London | 0 | 1 | 3 | 3 | 0 | 105 | 105 | 0 | 89 | 89 | | | | | | | 14 | 14 | | |
| 42 Norwich | 0 | | | | | | | | | | | | | | | | | | | |
| 43 Rockville | 1 | 1 | 2 | 3 | 30 | 35 | 65 | 27 | 30 | 67 | 14 | 0 | 51 | 0 | 0 | 7 | 7 | 14 | 500 | 100 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|------------------------------------|---|----|----|----|-----|-------|-------|------|--------|-------|-------|------|-----|----|----|----|----|-----|-------|-------|-------|-----|
| 44 | South Norwalk | 1 | 1 | 1 | 4 | 5 | 18 | 38 | 56 | 17 | 35 | 52 | 24 | 32 | 0 | 0 | 0 | 0 | 3 | 13 | 16 | 800 | 355 |
| 45 | Stanford c..... | 1 | 1 | 1 | 4 | 5 | (171) | 171 | 75 | (58.4) | 58.4 | 120 | 58.4 | 30 | 70 | 0 | 0 | 5 | 3 | 10 | 13 | 200 | 400 |
| 46 | Thompsonville..... | 1 | 1 | 1 | 3 | 4 | 47 | 58 | 105 | 45.6 | 55.4 | 101 | | | | | | | | | | | |
| 47 | Willmantie | 1 | 1 | 1 | 3 | 4 | | | | | | | | | | | | | | | | | |
| DAKOTA. | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | Deadwood..... | 1 | 1 | 1 | 0 | 1 | 5 | 20 | 25 | (24) | 24 | 24 | 0 | 25 | 0 | 0 | 0 | 3 | 3 | 6 | 50 | | |
| 49 | Fargo *..... | 1 | 1 | 0 | 3 | 3 | 21 | 44 | 65 | (53) | 53 | 53 | 11 | 15 | 11 | | | | | | 38 | 250 | |
| 50 | Grand Forks | 1 | 1 | 2 | 3 | 20 | 32 | 52 | 52 | 14 | 27 | 41 | 35 | 17 | 13 | 48 | | 2 | 2 | 4 | 125 | | |
| 51 | Sioux Falls | 1 | 1 | 0 | 4 | 4 | 29 | 57 | 86 | (67) | 67 | 67 | | | | | | | | | | | |
| 52 | Yankton | 1 | 1 | 1 | 1 | 2 | 14 | 18 | 32 | | | | 32 | | | | | 0 | 6 | 6 | 500 | | |
| DELAWARE. | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | New Castle..... | 1 | 0 | 1 | 1 | 1 | 23 | 21 | 41 | 17 | 18 | 35 | | | | | | 2 | 0 | 2 | | 500 | |
| 54 | Wilmington | 2 | 1 | 6 | 7 | 7 | 91 | 167 | 258 | (212) | 212 | 212 | 0 | 258 | 0 | 0 | 0 | 12 | 31 | 43 | 100 | | |
| DISTRICT OF COLUMBIA. | | | | | | | | | | | | | | | | | | | | | | | |
| 55 | Washington (white schools)..... | 1 | 15 | 18 | 33 | 547 | 706 | 1,253 | 463 | 597 | 1,060 | 508 | 571 | 149 | | | 25 | 73 | 137 | 210 | 6,000 | 2,500 | |
| 56 | Washington (colored schools) | 1 | 5 | 6 | 11 | 81 | 335 | 416 | 66 | 245 | 311 | 391 | | 25 | | | | 27 | 40 | 67 | 750 | | |
| FLORIDA. | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | Palatka..... | 2 | 1 | 1 | 2 | | | | | (45) | 45 | | | | | | | | | | | | |
| 58 | Pensacola..... | 1 | 1 | 1 | 0 | 1 | 15 | 13 | 28 | (22) | 22 | 22 | 16 | 12 | 0 | 0 | 0 | 3 | 16 | 19 | 200 | | |
| 59 | Tampa..... | 1 | 1 | 1 | 1 | 1 | 15 | 13 | 28 | | | | | | | | | 1 | 4 | 5 | | | |
| GEORGIA. | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | Americus..... | 1 | 1 | 1 | 2 | 18 | 46 | 64 | | | | | (64) | | 0 | 0 | 0 | 1 | 8 | 9 | | | |
| 61 | Athens..... | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | |
| 62 | Atlanta..... | 2 | 3 | 8 | 11 | 101 | 278 | 379 | 95 | 254 | 359 | 379 | | | | | 23 | 43 | 66 | 1,200 | 1,500 | | |
| 63 | Augusta..... | 2 | 2 | 2 | 4 | 30 | 150 | 180 | 20 | 140 | 160 | (180) | | | | | 10 | 27 | 37 | 500 | 100 | | |
| 64 | Columbus..... | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | |
| 65 | Griffin..... | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | |
| 66 | Macon..... | 2 | 2 | 4 | 6 | 93 | 133 | 226 | 78 | 114 | 192 | 226 | 0 | 0 | 0 | 0 | 8 | 27 | 35 | 200 | | | |
| 67 | Rome..... | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | |
| 68 | Savannah..... | 1 | 4 | 1 | 5 | 81 | 153 | 234 | 65 | 115 | 180 | 153 | 75 | 0 | 0 | | 14 | 20 | 34 | 500 | | | |
| IDAHO. | | | | | | | | | | | | | | | | | | | | | | | |
| 69 | Boisé City | 1 | | | | | | | | | | | | | | | | | | | | | |
| ILLINOIS. | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | Aurora*..... | 1 | 2 | 2 | 4 | 38 | 76 | 114 | 34.5 | 68.9 | 103.4 | | 0 | 22 | 0 | | | | | | 480 | 500 | |
| 71 | Beardstown..... | 1 | 1 | 2 | 3 | 11 | 27 | 38 | 9 | 26 | 35 | | | | | | 38 | 4 | 7 | 11 | 150 | 100 | |

* Statistics of 1887-88. a In "college preparatory course," 89. b In 1887-88. c This report covers the five central school districts only. d Included in columns 12 and 13.

* Statistics of 1887-88. a In "college preparatory course," 89. b In 1887-88. c This report covers the five central school districts only. d Included in columns 12 and 13.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|------------|-------------|------------|---------------|-------------|------------------|---------------|------------------|---------------|-----------------|---------------|-------------|-------------|---------------|-----------------------|--------------|-----------------|-----------------|----------------|-------------|------------------|-------------------|-------------------|-------------|-----------------|---------------|-------------------|-----------------|----------------|--------------------|--------------------|-------------|-----------------|-----------|---------------|--------------|--------------------|-----------------|------------------|-----------------|----------------|-----------------|----|----|
| 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | | |
| Paris..... | Pekin..... | Peoria..... | Perru..... | Phillips..... | Quincy..... | Rock Island..... | Rockford..... | Springfield..... | Sterling..... | Sureator *..... | Anderson..... | Aurora..... | Brazil..... | Columbus..... | Crawfordsville *..... | Elkhart..... | Evansville..... | Fort Wayne..... | Frankfort..... | Goshen..... | Greencastle..... | Indianapolis..... | Jacksonville..... | Kokomo..... | La Fayette..... | La Porte..... | Lawrenceburg..... | Logansport..... | Madison *..... | Michigan City..... | Monm't Vernon..... | Muncie..... | New Albany..... | Peru..... | Richmond..... | Seymour..... | Shelbyville *..... | South Bend..... | Terre Haute..... | Valparaiso..... | Vincennes..... | Washington..... | | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | d1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 4 | 3 | 3 | 11 | 3 | 5 | 43 | 91 | 128 | 93 | 60 | 40 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 62 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | 34 | 64 | 47 |
| 103 | 28 | 204 | 40 | 112 | 46 | 43 | 139 | 219 | 171 | 124 | 85 | 45 | 33 | 55 | 80 | 67 | 109 | 197 | 71 | 53 | 43 | 331 | 331 | 70 | 6 | 6 | 2 | 2 | 4 | 2 | 3 | 25 | 59 | 75 | 66 | 75 | 27 | 28 | 68 | 77 | 142 | | | |

TABLE 16.—Statistics for 1888-89 of public high schools in cities and villages containing over 4,000 inhabitants—Continued.

| City. | Number of such schools. | Number of in- structors. | | | Number of dif- ferent pupils enrolled. | | | Average daily attend- ance. | | | Number of students in— | | | | | | Number graduated during 1888-89. | | | Number of volumes in library. | Value of scientific ap- paratus. |
|----------------------------|-------------------------|-----------------------------|---------|--------|----------------------------------------------|---------|--------|--------------------------------|---------|--------|------------------------|------------------------------------|-----------------|---------------------------------|------------------------------------|-------|-------------------------------------|--------|-------|----------------------------------|-------------------------------------|
| | | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Classical course. | English or scien- tific course. | Commer- cial | Teachers' train- ing course. | Other courses and unclassified. | Male. | Female. | Total. | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | |
| IOWA. | | | | | | | | | | | | | | | | | | | | | |
| Atlantic..... | 1 | 2 | 1 | 3 | 59 | 93 | 152 | 43 | 65.9 | 108.9 | 47 | 43 | | | | 3 | 7 | 10 | 100 | \$100 | |
| Boone..... | 1 | 1 | 3 | 4 | 63 | 62 | 125 | 52 | 54 | 106 | | | | | | 9 | 10 | 19 | 1,500 | 400 | |
| Burlington..... | 1 | 1 | 3 | 4 | (206) | 266 | 266 | (178) | 54 | 178 | | | 0 | 13 | | 9 | 21 | 24 | 600 | 2,500 | |
| Cedar Rapids..... | 1 | 1 | 7 | 7 | | | | | | 192 | 60 | 69 | 63 | 12 | | 11 | 12 | 23 | 1,200 | 700 | |
| Clinton..... | 1 | | | | | | | | | | | | | | | (23) | | 23 | | | |
| Council Bluffs..... | 1 | 1 | 3 | 4 | 25 | 93 | 118 | 19 | 79 | 98 | 53 | 41 | 4 | 0 | 4 | 4 | 12 | 16 | 113 | 1,200 | |
| Creston..... | 1 | 1 | 2 | 3 | 56 | 100 | 156 | 40 | 80 | 120 | 35 | 120 | 0 | 0 | 0 | 10 | 39 | 49 | | | |
| Davenport..... | 1 | 3 | 5 | 8 | 86 | 184 | 270 | 71 | 147 | 218 | 134 | 111 | 0 | 13 | 12 | 14 | 15 | 29 | 500 | 300 | |
| Des Moines, East..... | 1 | 1 | 6 | 7 | 101 | 149 | 250 | (189) | 189 | 189 | 60 | 190 | | as | | 0 | 10 | 10 | 450 | 2,400 | |
| Des Moines, West..... | 1 | 3 | 4 | 7 | 57 | 153 | 210 | (138.4) | 138.4 | 158.4 | | | 103 | (c) | 16 | 0 | 0 | 5 | | | |
| Dubuque..... | 1 | 2 | 4 | 6 | 94 | 131 | 245 | 72 | 113 | 185 | 60 | 190 | | | | 3 | 2 | 5 | | | |
| Fort Dodge..... | 1 | 2 | 0 | 2 | 18 | 24 | 42 | 16.2 | 18.7 | 34.9 | 10 | 70 | | | | 0 | 0 | 0 | 165 | 800 | |
| Iowa City..... | 1 | 2 | 2 | 4 | (113) | 113 | 113 | | | | 40 | 73 | 0 | 0 | 0 | 6 | 10 | 16 | 400 | 600 | |
| Keokuk..... | 1 | 3 | 2 | 5 | 40 | 113 | 153 | (129) | 129 | 129 | 114 | 80 | 0 | 0 | 0 | 2 | 27 | 29 | 78 | 250 | |
| Le Mars..... | 1 | 0 | 2 | 2 | 33 | 30 | 63 | | | | 40 | 23 | 0 | 0 | 0 | 5 | 6 | 11 | 350 | 550 | |
| Lyons..... | 1 | 1 | 2 | 3 | 20 | 45 | 65 | 15 | 40 | 55 | 12 | 53 | 0 | 0 | 0 | 4 | 12 | 16 | 100 | 100 | |
| Marshalltown..... | 1 | 1 | 6 | 7 | 95 | 133 | 228 | 55 | 89 | 144 | 44 | 49 | 17 | 0 | 118 | 8 | 12 | 20 | 500 | 600 | |
| Mount Pleasant..... | 1 | 1 | 2 | 3 | 29 | 64 | 93 | (79.9) | 79.9 | | 0 | 93 | 0 | 0 | 0 | 5 | 22 | 27 | 100 | 600 | |
| Muscatine..... | 1 | 1 | 3 | 4 | (125) | 125 | 125 | | | | 99 | 50 | 20 | 11 | | 12 | 20 | 32 | | | |
| Oskaloosa..... | 1 | 1 | 2 | 3 | 67 | 113 | 180 | 55 | 90 | 145 | 119 | 119 | | | | | | | 1,214 | 1,000 | |
| Ottumwa..... | 1 | 1 | 4 | 5 | 35 | 84 | 119 | 29 | 79 | 108 | | | | | | (10) | | 10 | 325 | 300 | |
| Sioux City..... | 1 | 1 | 2 | 3 | 22 | 42 | 64 | | | | 0 | 0 | 0 | 0 | | | | | | | |
| Waterloo, east side *..... | 1 | 1 | | | | | | | | | | | | | | | | | | | |
| KANSAS. | | | | | | | | | | | | | | | | | | | | | |
| Atchison..... | 1 | 1 | 1 | 2 | 20 | 45 | 65 | | | | 18 | 19 | | | | 1 | 5 | 6 | 200 | 100 | |
| Clay Centre..... | 1 | 1 | 1 | 2 | 32 | 38 | 70 | 24 | 28 | 52 | 63 | 7 | 0 | 0 | 0 | 4 | 4 | 2 | 650 | 100 | |
| El Dorado..... | 1 | 1 | 2 | 3 | (105) | 105 | 105 | 30 | 55 | 85 | 5 | 100 | 0 | 0 | 0 | 7 | 7 | 14 | 500 | 200 | |

| | | | | | | | | | | | | | | | | | | | | |
|------------|--------------------|---|----|----|----|-------|-----|-----|-------|-------|------|------|-----|-----|----|----|----|----|-------|-------|
| 172 | Emporia..... | 1 | 2 | 1 | 1 | 3 | 22 | 35 | 57 | 20 | 32 | 52 | 31 | 26 | 66 | 2 | 10 | 12 | 300 | 250 |
| 173 | Fort Scott..... | 1 | 1 | 1 | 2 | 23 | 43 | 66 | 32 | 18.9 | 28.6 | 47.5 | 32 | 34 | 0 | 0 | 0 | 0 | 100 | 400 |
| 174 | Hutchinson..... | 1 | 0 | 3 | 3 | 28 | 31 | 31 | 21 | 33 | 33 | 61 | 51 | 8 | 0 | 3 | 6 | 9 | 100 | 500 |
| 175 | Independence..... | 1 | 2 | 0 | 2 | 35 | 53 | 88 | 22 | 39 | 89 | 61 | 22 | 25 | 0 | 8 | 7 | 15 | 951 | 160 |
| 176 | Kansas City..... | 1 | 3 | 3 | 5 | 76 | 170 | 246 | 78 | (179) | 179 | 179 | 6 | 101 | 50 | 83 | 2 | 24 | 0 | 390 |
| 177 | Lawrence..... | 1 | 1 | 4 | 6 | 94 | 143 | 237 | 124 | 124 | 202 | 202 | 95 | 135 | 0 | 7 | 31 | 42 | 360 | 390 |
| 178 | Leavenworth..... | 1 | 3 | 2 | 5 | 92 | 134 | 226 | 83 | 118 | 201 | 201 | 136 | 90 | 0 | 11 | 21 | 28 | 500 | 2,500 |
| 179 | Newton..... | 1 | 1 | 2 | 2 | 30 | 48 | 78 | 23 | 34 | 57 | 57 | 70 | 58 | 0 | 12 | 20 | 32 | 75 | 203 |
| 180 | Ottawa..... | 1 | 1 | 2 | 3 | 36 | 73 | 109 | 27 | 52 | 79 | 79 | 37 | 39 | 0 | 1 | 15 | 16 | 156 | 50 |
| 181 | Parsons..... | 1 | 1 | 2 | 3 | 15 | 60 | 75 | 14 | 59 | 73 | 73 | 9 | 17 | 0 | 1 | 12 | 13 | 600 | 1,175 |
| 182 | Salina..... | 1 | 1 | 2 | 3 | 18 | 33 | 53 | 13 | 30 | 43 | 43 | 40 | 13 | 0 | 2 | 5 | 7 | 404 | 675 |
| 183 | Topeka..... | 1 | 1 | 2 | 4 | (201) | 201 | 201 | 20 | 28 | 48 | 48 | 0 | 60 | 0 | 16 | 32 | 48 | 350 | 400 |
| 184 | Wellington..... | 1 | 2 | 2 | 4 | 25 | 35 | 60 | f40 | f50 | f90 | f90 | 30 | 35 | 0 | 3 | 6 | 10 | 110 | 50 |
| 185 | Wichita..... | 1 | 2 | 2 | 4 | 46 | 79 | 125 | 65 | 65 | 65 | 65 | 30 | 35 | 0 | 3 | 3 | 6 | 110 | 50 |
| 186 | Winfield..... | 1 | 0 | 2 | 2 | (65) | 65 | 65 | 65 | 65 | 65 | 65 | 30 | 35 | 0 | 3 | 3 | 6 | 110 | 50 |
| KENTUCKY. | | | | | | | | | | | | | | | | | | | | |
| 187 | Ashland..... | 1 | 2 | 4 | 6 | 171 | 171 | 171 | 125 | 15 | 15 | 15 | 150 | 21 | 0 | 0 | 6 | 14 | 20 | 300 |
| 188 | Bowling Green..... | 1 | 1 | 1 | 4 | 14 | 18 | 18 | 125 | 15 | 15 | 15 | 150 | 21 | 0 | 0 | 6 | 14 | 20 | 300 |
| 189 | Covington..... | 1 | 1 | 1 | 4 | 14 | 18 | 18 | 125 | 15 | 15 | 15 | 150 | 21 | 0 | 0 | 6 | 14 | 20 | 300 |
| 190 | Dayton..... | 1 | 1 | 1 | 4 | 14 | 18 | 18 | 125 | 15 | 15 | 15 | 150 | 21 | 0 | 0 | 6 | 14 | 20 | 300 |
| 191 | Hopkinsville..... | 0 | 2 | 8 | 10 | 209 | 270 | 479 | (125) | 3 | 12 | 12 | 150 | 21 | 0 | 0 | 6 | 14 | 20 | 300 |
| 192 | Lexington..... | 2 | 13 | 12 | 25 | 311 | 560 | 871 | 273 | 471 | 744 | 744 | 38 | 159 | 0 | 40 | 7 | 21 | 28 | 1,000 |
| 193 | Louisville..... | 3 | 13 | 12 | 25 | 311 | 560 | 871 | 273 | 471 | 744 | 744 | 38 | 159 | 0 | 40 | 7 | 21 | 28 | 1,000 |
| 194 | Newport..... | 1 | 1 | 3 | 4 | 104 | 93 | 197 | 68 | 93 | 161 | 161 | 38 | 159 | 0 | 40 | 7 | 21 | 28 | 1,000 |
| 195 | Owensboro..... | 1 | 1 | 1 | 2 | 23 | 48 | 71 | 17 | 39 | 56 | 56 | 71 | 0 | 0 | 0 | 3 | 15 | 18 | 500 |
| 196 | Paducah..... | 1 | 1 | 1 | 2 | 28 | 80 | 108 | 8 | 7 | 15 | 15 | 5 | 9 | 0 | 4 | 10 | 14 | 250 | 200 |
| 197 | Paris..... | 1 | 1 | 1 | 1 | 17 | 12 | 29 | 8 | 7 | 15 | 15 | 5 | 9 | 0 | 0 | 1 | 1 | 10 | 0 |
| LOUISIANA. | | | | | | | | | | | | | | | | | | | | |
| 198 | New Orleans*..... | 2 | 5 | 8 | 13 | 103 | 270 | 373 | 100 | 253 | 353 | 353 | 150 | 150 | 0 | 0 | 0 | 0 | 450 | 575 |
| MAINE. | | | | | | | | | | | | | | | | | | | | |
| 199 | Auburn*..... | 1 | 2 | 3 | 5 | 70 | 93 | 163 | 69 | 92 | 161 | 161 | 79 | 46 | 19 | 3 | 3 | 6 | 950 | 2,000 |
| 200 | Augusta..... | 1 | 1 | 2 | 4 | (129) | 129 | 229 | 78 | (78) | 78 | 78 | 79 | 46 | 19 | 3 | 3 | 6 | 200 | 700 |
| 201 | Bangor..... | 1 | 1 | 2 | 5 | (285) | 285 | 285 | 272 | (272) | 272 | 272 | 79 | 46 | 19 | 10 | 26 | 36 | 500 | 500 |
| 202 | Bath*..... | 1 | 3 | 2 | 5 | 91 | 133 | 227 | 87 | 125 | 212 | 212 | 79 | 46 | 19 | 3 | 3 | 6 | 500 | 500 |
| 203 | Belfast..... | 1 | 1 | 1 | 1 | (60) | 60 | 60 | 87 | (54) | 54 | 54 | 79 | 46 | 19 | 3 | 3 | 6 | 500 | 500 |
| 204 | Biddeford..... | 1 | 1 | 1 | 1 | (155) | 155 | 155 | 134 | (134) | 134 | 134 | 79 | 46 | 19 | 3 | 3 | 6 | 500 | 500 |
| 205 | Calais..... | 1 | 1 | 2 | 3 | 35 | 55 | 90 | 30 | 40 | 70 | 70 | 60 | 15 | 0 | 2 | 8 | 10 | 1,500 | 1,000 |
| 206 | Ellsworth..... | 1 | 1 | 2 | 3 | 35 | 55 | 90 | 30 | 40 | 70 | 70 | 60 | 15 | 0 | 2 | 8 | 10 | 1,500 | 1,000 |
| 207 | Lewiston..... | 1 | 1 | 2 | 3 | 35 | 55 | 90 | 30 | 40 | 70 | 70 | 60 | 15 | 0 | 2 | 8 | 10 | 1,500 | 1,000 |
| 208 | Portland..... | 1 | 4 | 9 | 13 | 80 | 74 | 154 | 25 | 44 | 138 | 138 | 50 | 104 | 0 | 9 | 23 | 32 | 50 | 50 |
| 209 | Portland..... | 1 | 4 | 9 | 13 | 176 | 242 | 418 | (139) | (366) | 366 | 366 | 51 | 367 | 0 | 21 | 30 | 51 | 1,500 | 2,000 |

d Included in columns 12 and 13.

e In 1887-88.

a The teachers' training class is not connected with the high school.

b In Latin scientific course.

c "No strictly normal course. school seem to be studying with a view to teaching; 69 of the 74 female teachers in schools of the city are graduates of the high school."

| | | | | | | | | | | | | | | |
|-----|--------------------|---|----|----|-------|-------|---------|---------|-------|--------------|------|-----|----|-------|
| 233 | Lowell..... | 1 | 3 | 6 | 10 | 13 | 172 | 204 | 376 | 185 | 214 | 37 | 75 | 540 |
| 234 | Lynn..... | 2 | 10 | 16 | 232 | 241 | 179 | 184 | 363 | 235 | 124 | 38 | 47 | 280 |
| 235 | Malden..... | 1 | 2 | 5 | 7 | 81 | 59 | 102 | 161 | 31 | 111 | 42 | 36 | 1,592 |
| 236 | Marblehead..... | 1 | 3 | 7 | (116) | 116 | 50 | 70 | 120 | 70 | 65 | 3 | 4 | 500 |
| 237 | Medford..... | 1 | 3 | 4 | 58 | 78 | 55 | 72 | 127 | 70 | 86 | 10 | 9 | 500 |
| 238 | Medford..... | 3 | 5 | 6 | 85 | 105 | 190 | 53 | 311 | 40 | 306 | 15 | 23 | 300 |
| 239 | Milford..... | 1 | 3 | 8 | 118 | 280 | 40.5 | 64.5 | 105 | 0 | 0 | 17 | 83 | 256 |
| 240 | New Bedford..... | 1 | 3 | 8 | 46 | 73 | 40.5 | 37.6 | 376 | <i>f</i> 28 | 11 | 10 | 8 | 5,000 |
| 241 | Newburyport..... | 1 | 2 | 7 | 204 | 231 | (110) | 117 | 117 | 0 | 0 | 7 | 12 | 100 |
| 242 | Newton..... | 2 | 3 | 4 | (130) | 130 | (117) | 117 | 117 | 0 | 0 | 3 | 20 | 800 |
| 243 | North Adams..... | 2 | 3 | 4 | (137) | 137 | (65) | 87 | 69 | 145 | 10 | 5 | 18 | 500 |
| 244 | Northampton..... | 1 | 3 | 5 | 61 | 119 | 45 | (126) | 126 | 25 | 0 | 5 | 8 | 100 |
| 245 | Peabody..... | 1 | 2 | 3 | 5 | 144 | 114 | (98) | 98 | 100 | 0 | 24 | 51 | 500 |
| 246 | Pittsfield..... | 1 | 3 | 5 | 144 | 114 | 133 | (361.8) | 361.8 | <i>g</i> 109 | 0 | 13 | 49 | 1,000 |
| 247 | Plymouth..... | 1 | 1 | 2 | 9 | 146 | 126 | 22.5 | 47.9 | 19 | 45 | 2 | 4 | 300 |
| 248 | Quincy..... | 1 | 3 | 7 | 2 | 29 | 35 | 25.4 | 0 | 0 | 0 | 0 | 0 | 1,500 |
| 249 | Salem..... | 1 | 3 | 7 | 2 | 29 | 35 | 25.4 | 0 | 0 | 0 | 0 | 0 | 600 |
| 250 | Southville..... | 1 | 3 | 7 | 2 | 29 | 35 | 25.4 | 0 | 0 | 0 | 0 | 0 | 777 |
| 251 | Southbridge..... | 1 | 3 | 7 | 2 | 29 | 35 | 25.4 | 0 | 0 | 0 | 0 | 0 | 2,000 |
| 252 | Spencer..... | 1 | 3 | 10 | 148 | 208 | 118.7 | 182.1 | 300.8 | 150 | 164 | 27 | 35 | 300 |
| 253 | Springfield..... | 1 | 3 | 10 | 148 | 208 | 118.7 | 182.1 | 300.8 | 150 | 164 | 27 | 35 | 4,000 |
| 254 | Stoneham..... | 1 | 1 | 1 | 37 | 51 | (70) | 70 | 70 | 44 | 24 | 13 | 10 | 2,000 |
| 255 | Taunton..... | 1 | 3 | 6 | 86 | 148 | (269) | 269 | 209 | 82 | 60 | 8 | 23 | 350 |
| 256 | Waltham..... | 1 | 3 | 4 | 6 | 96 | (178) | 178 | 178 | 58 | 0 | 6 | 15 | 289 |
| 257 | Watertown..... | 1 | 3 | 4 | 6 | 96 | (178) | 178 | 178 | 58 | 0 | 6 | 15 | 325 |
| 258 | Westfield..... | 1 | 3 | 5 | 45 | 87 | 37 | 80 | 87 | 25 | 30 | 3 | 12 | 126 |
| 259 | Weymouth..... | 2 | 3 | 5 | 94 | 98 | 65 | 114 | 119 | 24 | 4 | 8 | 19 | 500 |
| 260 | Woburn..... | 1 | 3 | 5 | 94 | 98 | 65 | 114 | 119 | 24 | 4 | 8 | 19 | 300 |
| 261 | Worcester..... | 1 | 3 | 5 | 94 | 98 | 65 | 114 | 119 | 24 | 4 | 8 | 19 | 4,000 |
| 262 | Adrian..... | 1 | 2 | 4 | 63 | 92 | 50 | 73 | 123 | 39 | 50 | 4 | 5 | 7,500 |
| 263 | Alpena..... | 1 | 3 | 6 | (89) | 89 | (70) | 70 | 70 | 22 | 30 | 7 | 16 | 3,000 |
| 264 | Ann Arbor..... | 1 | 3 | 6 | 337 | 267 | (459) | 459 | 459 | 170 | 135 | 37 | 43 | 600 |
| 265 | Battle Creek*..... | 1 | 3 | 4 | 58 | 76 | 49 | 64 | 117 | 34 | 0 | 119 | 80 | 2,500 |
| 266 | Bay City..... | 1 | 2 | 7 | 9 | 84 | 57 | 140 | 193 | 44 | 177 | 22 | 4 | 8,500 |
| 267 | Big Rapids..... | 1 | 2 | 7 | 9 | 84 | 57 | 140 | 193 | 44 | 177 | 22 | 4 | 8,500 |
| 268 | Cadillac..... | 1 | 2 | 7 | 9 | 84 | 57 | 140 | 193 | 44 | 177 | 22 | 4 | 8,500 |
| 269 | Cheboygan..... | 1 | 2 | 2 | 24 | 29 | 13.1 | 26.6 | 39.7 | 3 | 50 | 0 | 1 | 550 |
| 270 | Cheboygan*..... | 1 | 2 | 2 | 35 | 46 | (50) | 50 | 50 | 81 | 0 | 0 | 3 | 75 |
| 271 | Coldwater..... | 1 | 1 | 3 | 4 | (115) | (92) | 92 | 92 | 50 | 0 | 5 | 6 | 100 |
| 272 | Detroit..... | 1 | 1 | 3 | 394 | 555 | (624.4) | 624.4 | 624.4 | 422 | 13 | 13 | 11 | 7,500 |
| 273 | East Saginaw..... | 1 | 1 | 8 | 118 | 178 | 98 | 148 | 246 | 163 | 0 | c8 | 17 | 1,458 |
| 274 | Escanaba..... | 1 | 1 | 2 | 28 | 33 | 61 | 16 | 41 | 46 | 0 | 2 | 8 | 9,207 |
| 275 | Flint*..... | 1 | 1 | 6 | 7 | 128 | 191 | (195) | 195 | 110 | 26 | 15 | 10 | 1,200 |
| 276 | Grand Haven..... | 1 | 2 | 3 | 56 | (56) | 56 | (44) | 44 | 0 | 56 | 3 | 10 | 6,000 |
| 277 | Grand Rapids..... | 2 | 15 | 19 | 300 | 431 | 731 | (517) | 517 | 18 | 7695 | 6 | 12 | 1,888 |
| 278 | Grand Rapids..... | 2 | 15 | 19 | 300 | 431 | 731 | (517) | 517 | 18 | 7695 | 6 | 12 | 1,922 |

a In 1887-88. *b* Including normal school. *c* The number belonging in January, 1889, was 3,203.
d Number at the end of the year. *e* The teachers' training school is not connected with the high school. *f* 211 pupils take the "general course."
g 282 students in "regular course." *h* The teachers' training school is supplementary to, but distinct from, the high school. In this school there are 19 pupils.
i 120 students are in the English course and 125 are in the Latin course. *j* This includes all courses except classical and commercial.

TABLE 16.—Statistics for 1888-89 of public high schools in cities and villages containing over 4,000 inhabitants—Continued.

| City. | Number of such schools. | | | Number of in-structors. | | | Number of dif-ferent pupils enrolled. | | | Average daily attend-ance. | | | Number of students in— | | | | | | Number graduated during 1888-89. | | | Number of volumes in library. | Value of scientific ap-paratus. |
|---------------------|-------------------------|---------|--------|-------------------------|---------|--------|---------------------------------------|---------|--------|----------------------------|---------|--------|------------------------|--------------------------------|---------------------|-----------------------------|---------------------------------|-------|----------------------------------|--------|-----|-------------------------------|---------------------------------|
| | ♂ | Female. | Total. | Male. | Female. | Total. | ♂ | Female. | Total. | Male. | Female. | Total. | Classical course. | English or scien-tific course. | Com mercial course. | Teachers' train-ing course. | Other courses and unclassified. | Male. | Female. | Total. | | | |
| MICHIGAN—continued. | | | | | | | | | | | | | | | | | | | | | | | |
| Ionia..... | 1 | 3 | 5 | 8 | (a176) | a176 | | | a122 | | | | | | | | | 5 | 14 | 19 | | | |
| Ishteping..... | 1 | 1 | 1 | 2 | (44) | 44 | | | | | | | | | | | | | | | | | |
| Jackson..... | 1 | 1 | 6 | 7 | 80 | 162 | 242 | (192) | | 192 | 44 | 152 | 0 | 0 | 46 | 5 | 22 | 27 | 450 | \$50 | | | |
| Kalamazoo..... | 1 | 1 | 6 | 7 | 86 | 149 | 235 | 72 | 137 | 209 | 119 | 0 | 8 | | | | | 8 | 24 | 32 | 510 | 1,200 | |
| Lansing..... | 1 | 1 | 5 | 7 | (165) | 165 | 165 | (125) | | 125 | | | | | | | | | | | | | |
| Ludington..... | 1 | 0 | 3 | 3 | 31 | 53 | 84 | | | | 20 | 64 | 0 | 0 | 0 | 1 | 4 | 5 | 2,500 | 300 | | | |
| Manistee..... | 1 | 2 | 1 | 3 | (104) | 104 | 104 | (79) | | 79 | | | | | | | | | | | | | |
| Marquette..... | 1 | 1 | 2 | 3 | 42 | 65 | 107 | 28.7 | 44.3 | 73 | 30 | 77 | 0 | 0 | 0 | 2 | 6 | 8 | | | | | |
| Marshall..... | 1 | 1 | 2 | 3 | 31 | 49 | 80 | 25 | 43 | 59 | 30 | 30 | 10 | 0 | 10 | 6 | 9 | 15 | 1,084 | 500 | | | |
| Menominee..... | 1 | 1 | 2 | 3 | 36 | 43 | 79 | (59) | | 59 | 0 | 79 | 0 | 0 | 0 | 2 | 4 | 6 | | | | | |
| Monroe..... | 1 | 1 | 2 | 3 | 34 | 46 | 80 | (a78) | | a78 | 33 | | | | | | | | | | | | |
| Mount Clemens..... | 1 | 2 | 4 | 6 | 76 | 135 | 211 | 68 | 117 | 185 | 50 | 141 | 20 | | | 14 | 9 | 23 | 9,516 | 200 | | | |
| Muskegon..... | 1 | 1 | 2 | 3 | 22 | 29 | 51 | 18 | 24 | 42 | 35 | 0 | 0 | | | | | | | | | | |
| Negaunee..... | 1 | 1 | 2 | 3 | 23 | 51 | 80 | (61.3) | | 61.3 | 20 | 31 | 0 | 0 | 29 | 2 | 2 | 4 | | | | | |
| Niles..... | 1 | 1 | 3 | 4 | 51 | 77 | 128 | 42 | 61 | 103 | 58 | 70 | 0 | 0 | 0 | 10 | 9 | 19 | 1,400 | 300 | | | |
| Owosso..... | 1 | 1 | 2 | 3 | 19 | 69 | 88 | (65) | | 65 | | | | | | | | | | | | | |
| Pontiac..... | 1 | 1 | 5 | 7 | (166) | 166 | 166 | (151) | | 151 | 67 | 87 | | 6 | 6 | 0 | 12 | 12 | 1,700 | | | | |
| Port Huron..... | 1 | 1 | 4 | 5 | 27 | 72 | 99 | 19 | 55 | 74 | 15 | 66 | 18 | 0 | 0 | 0 | 3 | 3 | 6,000 | 1,000 | | | |
| Saginaw..... | 1 | 1 | 1 | 2 | (58) | 58 | 58 | (44) | | 44 | 0 | 58 | 0 | 0 | 0 | 4 | 5 | 9 | | | | | |
| West Bay City..... | 1 | 1 | 2 | 5 | 42 | 51 | 96 | (77) | | 77 | | | | | | | | | 1,531 | 200 | | | |
| Wyandotte..... | 1 | 3 | 2 | | | | | | | | | | | | | | | | 1,200 | 1,000 | | | |
| Ypsilanti..... | 1 | 3 | 2 | | | | | | | | | | | | | | | | | | | | |
| MINNESOTA. | | | | | | | | | | | | | | | | | | | | | | | |
| Anoka..... | 1 | 2 | 1 | 3 | (65) | 65 | 65 | (49.7) | | 49.7 | | | 0 | 0 | 0 | 3 | 3 | 6 | 500 | 150 | | | |
| Brainerd..... | 1 | 1 | 1 | 2 | (50) | 46 | 50 | (32) | | 32 | | 40 | 10 | 0 | 0 | 0 | 2 | 2 | 300 | 400 | | | |
| Crookston..... | 1 | 1 | 2 | 2 | 24 | 70 | 70 | (35) | | 35 | 19 | 17 | 0 | 0 | 44 | 0 | 0 | 0 | 275 | 140 | | | |
| Duluth..... | 1 | 2 | 4 | 6 | 50 | 77 | 127 | 41 | 57 | 98 | | | | | | 3 | 6 | 9 | 1,900 | 600 | | | |
| Faribault..... | 1 | 2 | 2 | 4 | 31 | 36 | 67 | (48.6) | | 48.6 | 34 | 33 | | | | 6 | 2 | 8 | 650 | 500 | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|--------------|-----------------------|-------|-------|-------|-------|-------|---------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----|
| 304 | Mankato..... | 1 | 1 | 1 | 2 | 3 | (81) | 81 | (60) | 60 | 52 | 29 | 0 | 0 | 0 | 0 | 1 | 3 | 4 | 780 | 250 |
| 305 | Minneapolis..... | 1 | 11 | 41 | 55 | 23 | (1,166) | 1,166 | 243 | 338 | 581 | ..... | 33 | ..... | ..... | ..... | 25 | 56 | 81 | ..... |  |
| 306 | Red Wing..... | 1 | 1 | 0 | 2 | 2 | 51 | 74 | 19.2 | 42.7 | 61.9 | ..... | 0 | 0 | ..... | ..... | 0 | 6 | 6 | 300 | |
| 307 | Rochester *..... | 1 | 1 | 0 | 3 | 3 | (64) | 64 | ..... | ..... | ..... | 23 | 0 | 0 | ..... | ..... | 3 | 3 | 6 | ..... |  |
| 308 | St. Cloud..... | 1 | 1 | 0 | 2 | 2 | 8 | 9 | 6.1 | 5.7 | 11.8 | 0 | 12 | 0 | 0 | 5 | 2 | 0 | 2 | 163 | |
| 309 | St. Paul..... | 1 | 1 | 12 | 16 | 28 | 255 | 433 | 208 | 285 | 493 | ..... | 0 | 0 | ..... | 29 | 36 | 65 | 1,100 | | |
| 310 | Stillwater..... | 1 | 2 | 3 | 5 | 5 | 42 | 76 | (93) | 93 | 20 | 80 | 7 | 0 | 11 | 1 | 5 | 6 | 500 | | |
| 311 | Winona..... | 1 | 4 | 1 | 5 | 5 | 47 | 45 | (88.8) | 88.8 | 20 | 640 | 12 | 0 | 0 | 6 | 5 | 11 | 1,000 | | |
| MISSISSIPPI. | | | | | | | | | | | | | | | | | | | | | |
| 312 | Columbus..... | 1 | 1 | 0 | 1 | 1 | 2 | 18 | 2 | 16 | 18 | (20) | ..... | ..... | ..... | ..... | 0 | 0 | 0 | 500 | |
| 313 | Jackson c..... | 1 | 1 | 0 | 1 | 1 | 12 | 26 | 11 | 23 | 34 | 5 | 33 | 0 | 0 | 0 | 0 | 4 | 4 | 5,000 | |
| 314 | Meridian..... | 1 | 1 | 1 | 2 | 4 | 26 | 38 | 2.5 | 23.5 | 26 | 0 | 30 | 0 | 0 | 0 | 1 | 6 | 7 | 100 | |
| 315 | Natchez..... | 2 | 1 | 1 | 2 | 2 | 36 | 30 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 10 | 11 | ..... |  |  |
| 316 | Vicksburg..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| MISSOURI. | | | | | | | | | | | | | | | | | | | | | |
| 317 | Boonville..... | 1 | 1 | 0 | 1 | 1 | 16 | 19 | 14 | 12 | 26 | 0 | 35 | 0 | 0 | 0 | 0 | 2 | 2 | 100 | |
| 318 | Brookfield..... | 1 | 1 | 0 | 1 | 1 | 14 | 20 | ..... | ..... | 29 | 0 | 31 | 0 | 0 | 0 | 1 | 8 | 9 | 50 | |
| 319 | Bulter..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 100 | |
| 320 | Cape Girardeau..... | 3 | 2 | 1 | 3 | 69 | 80 | 149 | 53 | 54 | 107 | 5 | 136 | 18 | ..... | ..... | 7 | 8 | 15 | 400 | |
| 321 | Carrollton..... | 2 | 1 | 1 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0 | |
| 322 | Cardigan..... | 1 | 1 | 2 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2,000 | |
| 323 | Chillicothe *..... | 1 | 1 | 2 | 3 | 36 | 47 | 83 | 32 | 42 | 74 | 83 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 100 | |
| 324 | Clinton *..... | 1 | 1 | 2 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 325 | Columbia..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 326 | De Soto..... | 2 | 2 | 2 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 400 | |
| 327 | Hannibal..... | 1 | 1 | 0 | 1 | 26 | 28 | 54 | 12.8 | 16 | 23.8 | 0 | 54 | 0 | 0 | 0 | 1 | 9 | 10 | 250 | |
| 328 | Independence..... | 1 | 1 | 0 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | (7) | 7 | 7 | 700 | |
| 329 | Jefferson City *..... | 1 | 1 | 2 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 125 | |
| 330 | Joplin..... | 2 | 2 | 7 | 14 | 260 | 509 | 769 | 186 | 374 | 560 | 280 | 489 | 0 | 0 | 0 | 1 | 13 | 14 | 16,000 | |
| 331 | Kansas City..... | 1 | 1 | 1 | 2 | 26 | 56 | 53 | 49 | 46 | 95 | 5 | 104 | ..... | ..... | ..... | 6 | 54 | 74 | 75 | |
| 332 | Lexington..... | 1 | 1 | 1 | 2 | 216 | 449 | 665 | (650.2) | ..... | 650.2 | ..... | ..... | ..... | ..... | ..... | 4 | 10 | 14 | 1,500 | |
| 333 | Louisiana..... | 1 | 1 | 2 | 0 | 2 | 33 | 59 | 92 | (71) | 71 | ..... | ..... | ..... | ..... | ..... | 0 | 5 | 5 | 25 | |
| 334 | Marshall..... | 1 | 1 | 2 | 1 | 3 | 49 | 79 | 128 | 32 | 68 | 100 | 60 | 58 | 10 | 0 | 1 | 3 | 4 | 200 | |
| 335 | Maryville..... | 1 | 3 | 0 | 3 | 38 | 49 | 67 | 116 | 33 | 46 | 79 | 25 | 66 | ..... | ..... | ..... | ..... | ..... | 500 | |
| 336 | Mexico *..... | 1 | 2 | 1 | 1 | 34 | 73 | 111 | (101) | 101 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 18 | 21 | 75 | |
| 337 | Moberly..... | 1 | 1 | 2 | 1 | 32 | 51 | 85 | 27 | 45 | 72 | 60 | 25 | 0 | 0 | 111 | 6 | 11 | 17 | 150 | |
| 338 | Nebraska..... | 1 | 1 | 0 | 2 | 20 | 46 | 66 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 7 | 11 | 1,100 | |
| 339 | Rich Hill..... | 1 | 1 | 2 | 1 | 12 | 24 | 36 | 10 | 20 | 30 | 0 | 20 | 0 | 2 | 14 | 0 | 0 | 0 | 50 | |
| 340 | St. Charles..... | 1 | 1 | 0 | 1 | 1 | 76 | 133 | 209 | 60 | 108 | ..... | ..... | ..... | ..... | ..... | 6 | 16 | 22 | 1,000 | |
| 341 | St. Joseph..... | 1 | 1 | 3 | 3 | 6 | 76 | 133 | 209 | 60 | 108 | ..... | ..... | ..... | ..... | ..... | 0 | 0 | 0 | 200 | |
| 342 | St. Louis..... | 1 | 20 | 27 | 47 | 336 | 1,097 | 1,433 | 259 | 771 | 1,080 | 1,170 | 263 | 0 | 0 | 0 | 15 | 116 | 131 | 8,000 | |
| 343 | Sedalia *..... | 1 | 1 | 2 | 3 | 41 | 93 | 131 | 31 | 85 | 116 | ..... | ..... | ..... | ..... | ..... | 0 | 0 | 0 | 200 | |
| 344 | Springfield..... | 1 | 1 | 2 | 4 | 154 | 235 | 389 | 91 | 163 | 251 | 0 | 389 | 0 | 0 | 0 | 6 | 12 | 18 | 500 | |
| 345 | Trenton..... | 1 | 1 | 3 | 0 | 3 | 30 | 80 | 110 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 625 | |
| 346 | Warrensburg..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 75 | |
| 347 | Washington *..... | 0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |

* Statistics of 1887-88.

b In general course, 20.

c In 1887-88.

c Statistics of white schools only.

TABLE 16.—Statistics for 1888-89 of public high schools in cities and villages containing over 4,000 inhabitants—Continued.

| City. | Number of such schools. | | | Number of in-structors. | | | Number of dif-ferent pupils enrolled. | | | Average daily attend-ance. | | | Number of students in— | | | | | Number graduated during 1888-89. | | | Number of volumes in library. | Value of scientific ap-paratus. |
|--------------------|-------------------------|---------|--------|-------------------------|---------|--------|---------------------------------------|---------|--------|----------------------------|--------------------------------|---------------------|-----------------------------|---------------------------------|-------|---------|--------|----------------------------------|-------|-------|-------------------------------|---------------------------------|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Classical course. | English or scien-tific course. | Commer-cial course. | Teachers' train-ing course. | Other courses and unclassified. | Male. | Female. | Total. | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | | |
| MONTANA. | | | | | | | | | | | | | | | | | | | | | | |
| Butte City | 1 | 1 | 2 | 3 | (70) | 70 | (52.7) | (52.7) | | | | | | | | 3 | 4 | 7 | | \$500 | | |
| NEBRASKA. | | | | | | | | | | | | | | | | | | | | | | |
| Beatrice..... | 1 | 0 | 3 | 3 | 13 | 39 | 52 | 9 | 28 | 37 | 20 | 32 | 0 | 0 | 0 | 2 | 5 | 7 | 400 | 200 | | |
| Fremont..... | 1 | 2 | 2 | 4 | 26 | 61 | 87 | (71) | 41 | 71 | 25 | 62 | 0 | 0 | 0 | 7 | 9 | 16 | 100 | 700 | | |
| Grand Island..... | 1 | 3 | 0 | 3 | 33 | 57 | 90 | 22 | 30 | 63 | 10 | 63 | 0 | 0 | 0 | 4 | 15 | 19 | 138 | 450 | | |
| Hastings..... | 1 | 1 | 2 | 3 | 32 | 53 | 85 | 20 | 35 | 52 | 16 | 69 | 0 | 0 | 0 | 5 | 10 | 15 | 100 | 275 | | |
| Kearney..... | 1 | 2 | 1 | 3 | 32 | 53 | 85 | 19 | 35 | 54 | 16 | 69 | 0 | 0 | 0 | 5 | 10 | 15 | 100 | 275 | | |
| Lincoln..... | 1 | 2 | 4 | 3 | 7 | 85 | 107 | 67.5 | 85.9 | 153.4 | 55 | 97 | 0 | 0 | 0 | 12 | 5 | 17 | 300 | 50 | | |
| Nebraska City..... | 1 | 2 | 1 | 3 | 20 | 58 | 78 | 19 | 56 | 75 | 28 | 91 | 45 | 0 | 0 | 2 | 9 | 11 | 1,500 | 1,200 | | |
| Omaha..... | 1 | 8 | 10 | 18 | 177 | 309 | 486 | 143 | 225 | 368 | 24 | 24 | 0 | 0 | 322 | 15 | 35 | 50 | 400 | 200 | | |
| Plattsmouth..... | 1 | 2 | 2 | 4 | 26 | 37 | 63 | | | | | | | 15 | | | | | 625 | 6,000 | | |
| NEVADA. | | | | | | | | | | | | | | | | | | | | | | |
| Carson City..... | 1 | 1 | 1 | 2 | 34 | 71 | 105 | 26 | 52 | 78 | 0 | 105 | 650 | 0 | 0 | 0 | 8 | 8 | 300 | 272 | | |
| Eureka..... | 1 | 1 | 1 | 2 | 25 | 35 | 60 | | | | | 58 | 2 | | | 4 | 6 | 10 | 200 | 150 | | |
| Gold Hill..... | 1 | 1 | 1 | 2 | 27 | 38 | 65 | 18 | 29 | 47 | | 63 | 0 | 0 | 0 | 6 | 10 | 16 | 300 | 200 | | |
| Virginia City..... | 1 | 1 | 1 | 2 | 25 | 44 | 69 | (63) | | 63 | | 69 | 0 | 0 | 0 | | | | | | | |
| NEW HAMPSHIRE. | | | | | | | | | | | | | | | | | | | | | | |
| Concord..... | 1 | 1 | 4 | 5 | 99 | 129 | 228 | 69 | 91 | 160 | 25 | 178 | 25 | 0 | 0 | 19 | 23 | 42 | | | | |
| Dover..... | 1 | 1 | 4 | 5 | 47 | 84 | 131 | (117) | | 117 | | 23 | 0 | 0 | | 5 | 15 | 20 | 500 | 395 | | |
| Keene..... | 1 | 2 | 2 | 4 | (108) | 108 | 207 | (80) | | 80 | | | 0 | 0 | | 3 | 4 | 7 | | | | |
| Manchester..... | 1 | 2 | 4 | 6 | (257) | 257 | 558 | (176) | | 176 | | | | | | 15 | 30 | 45 | | | | |
| Nashua..... | 1 | 1 | 4 | 5 | (139) | 139 | 278 | (129) | | 129 | | | | | | 6 | 13 | 19 | | | | |
| Portsmouth..... | 1 | 1 | 3 | 4 | 56 | 65 | 121 | (107) | | 107 | 80 | 41 | 0 | 69 | 0 | 10 | 5 | 15 | 687 | 500 | | |
| Rochester..... | 1 | 3 | 2 | 5 | 50 | 79 | 129 | (98) | | 98 | | | | | | 9 | 11 | 20 | | | | |

NEW JERSEY.

| | 1 | 0 | 2 | 2 | 22 | 30 | 52 | 19 | 27 | 46 | 52 | | | 1 | 4 | 5 | 1,001 | 300 |
|--------------------------|---|-----|----|----|-------|-----|-----|--------|------|------|-----|-----|-----|----|----|----|-------|-------|
| 369 Atlantic City..... | 1 | | | | | | | | | | | | | | | | | |
| 370 Bayonne..... | | | | | | | | | | | | | | | | | | |
| 371 Bordentown..... | | | | | | | | | | | | | | | | | | |
| 372 Bridgeton..... | | | | | | | | | | | | | | | | | | |
| 373 Burlington..... | | | | | | | | | | | | | | | | | | |
| 374 Camden..... | 0 | | | | | | | | | | | | | | | | | |
| 375 Elizabeth..... | 1 | 0 | 5 | 5 | (104) | 104 | 104 | (93) | 93 | | 101 | 611 | | 8 | 10 | 18 | 196 | |
| 376 Gloucester City..... | 1 | (4) | 4 | | | | | | | | | | | | | | | |
| 377 Hackensack..... | | | | | | | | | | | | | | | | | | |
| 378 Harrison..... | 0 | 1 | 3 | 4 | | 154 | 154 | (135) | 135 | | | | | | | | | |
| 379 Hoboken..... | 1 | 5 | 7 | 12 | (664) | 664 | 664 | (435) | 435 | | | | | 24 | 54 | 78 | 6,000 | 5,000 |
| 380 Jersey City..... | 1 | | | | | | | | | | | | | | | | | |
| 381 Lambertville..... | | | | | | | | | | | | | | | | | | |
| 382 Long Branch..... | 1 | 2 | 6 | 8 | 36 | 40 | 76 | | | | 1 | 75 | 0 | 0 | 6 | 10 | | 550 |
| 383 Millville..... | 1 | 1 | 2 | 3 | 52 | 32 | 84 | 45 | 28 | 73 | 84 | 14 | | 4 | | | 300 | 200 |
| 384 Montclair..... | 1 | 1 | 2 | 4 | 55 | 70 | 125 | 40 | 50.8 | 90.8 | 25 | 70 | 15 | 4 | 5 | 9 | 556 | 700 |
| 385 Morristown..... | 1 | 1 | 2 | 3 | 21 | 39 | 60 | 20 | 38 | 58 | 41 | | | | | | 400 | |
| 386 Mount Holly..... | 1 | 1 | 1 | 2 | 17 | 28 | 45 | 12 | 21 | 33 | | | | 1 | 2 | 3 | 40 | 150 |
| 387 New Brunswick..... | 1 | 1 | 4 | 5 | 90 | 117 | 207 | (167) | 167 | 173 | 8 | 199 | 0 | 0 | 5 | 8 | 13 | 2,857 |
| 388 Newark..... | 1 | 8 | 14 | 22 | 333 | 507 | 840 | (644) | 644 | 644 | 73 | 627 | 140 | 37 | 61 | 98 | 1,664 | 440 |
| 389 Orange..... | 1 | 2 | 1 | 3 | 25 | 42 | 67 | (57.3) | 57.3 | 57.3 | 52 | 15 | 0 | 4 | 9 | 13 | 389 | 300 |
| 390 Passaic..... | 1 | 1 | 2 | 3 | 20 | 50 | 80 | 26 | 44 | 70 | 1 | 79 | 0 | 0 | 3 | 9 | 204 | 350 |
| 391 Paterson..... | 1 | 1 | 8 | 9 | 200 | 293 | 493 | 125 | 162 | 287 | 0 | | | 12 | 50 | 62 | 2,000 | 200 |
| 392 Perth Amboy..... | | | | | | | | | | | | | | | | | | |
| 393 Phillipsburgh..... | 1 | 2 | 1 | 3 | 27 | 54 | 81 | 23 | 52 | 73 | 0 | 81 | | 6 | 8 | 13 | 350 | 137 |
| 394 Plainfield..... | 1 | 1 | 3 | 4 | 43 | 55 | 98 | (84.7) | | 84.7 | 55 | 43 | | 2 | 11 | 13 | 1,050 | 500 |
| 395 Rahway..... | | | | | | | | | | | | | | | | | | |
| 396 Salem..... | 0 | 1 | 1 | 2 | 15 | 36 | 51 | (45.7) | | 45.7 | 10 | | | 3 | 4 | 7 | 20 | 75 |
| 397 Trenton..... | 1 | 1 | 9 | 10 | 108 | 216 | 324 | 95 | 189 | 284 | 182 | 124 | | 3 | 16 | 19 | 1,065 | 380 |
| 398 Woodbury..... | | | | | | | | | | | | | | | | | | |

NEW YORK.

| | 1 | 10 | 12 | 22 | 263 | 383 | 646 | (552) | 552 | 846 | 300 | | | 18 | 52 | 70 | 6,252 | 3,345 |
|----------------------|---|----|----|----|-------|-------|-------|-------|------|-------|-----|-----|---|----|-----|-----|--------|-------|
| 399 Albany..... | 1 | | | | | | | | | | | | | | | | | |
| 400 Albion..... | 1 | 1 | 4 | 5 | 51 | 68 | 119 | 33.2 | 48.9 | 82.1 | | | | 7 | 15 | 22 | 1,819 | 964 |
| 401 Amsterdam..... | 1 | 1 | 1 | 2 | | | | | | | | | | 2 | 8 | 10 | 500 | |
| 402 Auburn..... | 1 | 4 | 7 | 11 | 152 | 221 | 373 | 130 | 181 | 311 | 240 | 0 | 0 | 7 | 25 | 32 | 700 | 1,500 |
| 403 Batavia..... | 1 | 0 | 4 | 4 | 67 | 87 | 154 | 44 | 56 | 100 | 45 | 55 | 0 | 4 | 11 | 15 | 10,000 | 700 |
| 404 Binghamton..... | 1 | 3 | 6 | 9 | 132 | 180 | 312 | 93 | 131 | 224 | 10 | 302 | 0 | 10 | 31 | 41 | 6,342 | 985 |
| 405 Brockport..... | | | | | | | | | | | | | | | | | | |
| 406 Brooklyn..... | 2 | 38 | 15 | 53 | 555 | 1,413 | 1,968 | 313 | 887 | 1,200 | | 207 | | 44 | 147 | 191 | | |
| 407 Buffalo..... | 1 | 6 | 15 | 21 | 309 | 379 | 688 | 288 | 301 | 589 | 198 | 163 | | 25 | 62 | 87 | 1,335 | 3,070 |
| 408 Canandaigua..... | 1 | 2 | 5 | 7 | 36 | 55 | 91 | | | | 30 | 61 | | 1 | 0 | 1 | 1,701 | 900 |
| 409 Catskill..... | 1 | 2 | 1 | 3 | 34 | 34 | 68 | 22 | 43 | | 28 | 24 | | 3 | | | 2,500 | 500 |
| 410 Cohoes..... | 1 | 1 | 2 | 3 | (101) | | 101 | (78) | 78 | | | | | 2 | 5 | 7 | 102 | 630 |

* Statistics of 1887-88.

a Included also in column 13.

b The teachers' training school is not a part of the high school.

c A post-graduate course; not included in column 8.

d The normal and training school is separate from the high school. Number of pupils, fs.

e Not included in column 13.

f Post-graduates.

g Included in columns 12 and 13.

| | 1 | 1 | 1 | 2 | 14 | 26 | 40 | 12.8 | 23.5 | 36.3 | | | | 3 | 11 | 14 | |
|---------------------------|---|---|----|----|-------|-----|-----|---------|------|-------|--|--|--|----|-----|-----|--------|
| 441 New Brighton <i>d</i> | 1 | 0 | | | | | | | | | | | | | | | 1,200 |
| 442 New Rochelle..... | 0 | | | | | | | | | | | | | | | | |
| 443 New York..... | 2 | 4 | 3 | 7 | 82 | 98 | 180 | 81 | 96 | 177 | | | | 13 | 21 | 31 | 16,679 |
| 444 Newburgh..... | 1 | 0 | 4 | 4 | 45 | 80 | 125 | (110) | 110 | | | | | 1 | 2 | 3 | 1,500 |
| 445 Norwilt..... | 1 | | | | | | | | | | | | | | | | |
| 446 Ogdensburg..... | 1 | 1 | 4 | 5 | (225) | | 225 | (209) | | 209 | | | | 7 | 14 | 21 | 2,160 |
| 447 Olean..... | 1 | 1 | 5 | 6 | 96 | 107 | 203 | (142) | | 142 | | | | 7 | 16 | 23 | 227 |
| 448 Oswego..... | 1 | 2 | 6 | 8 | 131 | 125 | 253 | 100 | 100 | 200 | | | | 7 | 16 | 23 | 1,033 |
| 449 Oswego *..... | 0 | | | | | | | | | | | | | | | | 4,805 |
| 450 Peekskill..... | 1 | 0 | | | | | | | | | | | | | | | 1,941 |
| 451 Penn Yan..... | 1 | 2 | 2 | 4 | 68 | 75 | 143 | 60 | 71 | 131 | | | | 2 | 5 | 7 | 1,600 |
| 452 Plattsburgh..... | 1 | 1 | 0 | 4 | 4 | 73 | 67 | 54 | 50 | 104 | | | | 2 | 0 | 3 | 2,267 |
| 453 Port Chester..... | 1 | 1 | 1 | 2 | 18 | 28 | 46 | (31.4) | | 31.4 | | | | 0 | 0 | 3 | 2,250 |
| 454 Port Jervis..... | 1 | 2 | 3 | 5 | 69 | 112 | 211 | 48 | 92 | | | | | 0 | 0 | 0 | 3,529 |
| 455 Poughkeepsie..... | 1 | 1 | 7 | 8 | 65 | 119 | 184 | (158) | | 158 | | | | 5 | 12 | 23 | 1,862 |
| 456 Rochester..... | 1 | 5 | 13 | 18 | 209 | 401 | 610 | 169 | 350 | 519 | | | | 39 | 133 | 172 | 15,629 |
| 457 Rome..... | 1 | 1 | 5 | 6 | (160) | | 160 | (117) | | 117 | | | | 8 | 6 | 14 | 1,563 |
| 458 Saratoga Springs..... | 1 | 2 | 3 | 5 | 61 | 91 | 152 | (122) | | 122 | | | | 8 | 16 | 24 | 309 |
| 459 Schenectady..... | 1 | | | | | | | | | | | | | | | | 1,200 |
| 460 Seneca Falls*..... | 1 | 1 | 4 | 5 | 57 | 88 | 143 | (95) | | 95 | | | | | | | 1,350 |
| 461 Sing Sing..... | 1 | 0 | 2 | 2 | (35) | 35 | 35 | (31) | 326 | 556 | | | | 9 | 20 | 29 | 1,052 |
| 462 Syracuse..... | 1 | 6 | 10 | 16 | 308 | 433 | 741 | 230 | | | | | | 27 | 55 | 82 | 41,046 |
| 463 Tarrytown..... | 1 | | | | | | | | | | | | | | | | |
| 464 Tonawanda*..... | 1 | 2 | 0 | 2 | 30 | 39 | 69 | (43.7) | | 43.7 | | | | 12 | 15 | 27 | 1,300 |
| 465 Troy*..... | 1 | 4 | 3 | 7 | (206) | 206 | 206 | 66 | 112 | 178 | | | | | | | 783 |
| 466 Utica*..... | 1 | 4 | 4 | 8 | 79 | 122 | 201 | 76 | 95 | 171 | | | | | | | 1,636 |
| 467 Waterloo..... | 1 | 2 | 1 | 3 | 43 | 66 | 109 | | | | | | | 6 | 8 | 14 | 1,410 |
| 468 Watertown..... | 1 | 3 | 7 | 10 | 103 | 130 | 233 | (187.9) | | 187.9 | | | | 4 | 20 | 24 | 4,000 |
| 469 West Troy..... | 1 | | | | | | | | | | | | | | | | |
| 470 Whitehall..... | 1 | 0 | 2 | 2 | 20 | 37 | 57 | (50) | 61 | 50 | | | | 6 | 5 | 11 | 1,224 |
| 471 Yonkers..... | 1 | 3 | 2 | 5 | 63 | 82 | 145 | 52 | | 97 | | | | 12 | 16 | 28 | 8,335 |
| NORTH CAROLINA. | | | | | | | | | | | | | | | | | |
| 472 Asheville..... | 0 | | | | | | | | | | | | | | | | |
| 473 Durham..... | 1 | | | | | | | | | | | | | | | | |
| 474 Fayetteville..... | 1 | 1 | | | | | | | | | | | | | | | |
| 475 Goldsborough..... | 1 | 2 | 2 | 4 | 56 | 70 | 126 | 46 | 62 | 108 | | | | 3 | 13 | 16 | 250 |
| 476 Greensborough..... | 1 | 1 | | | | | | | | | | | | 0 | 0 | 0 | |
| 477 New Bern..... | 1 | 2 | 0 | 2 | 15 | 25 | 40 | 10 | 20 | 30 | | | | 1 | 7 | 8 | 1,100 |
| 478 Raleigh..... | 0 | | | | | | | | | | | | | | | | |
| 479 Reidsville*..... | 1 | 1 | 0 | 1 | 12 | 13 | 25 | 10 | 11 | 21 | | | | | | | |
| 480 Winston..... | 1 | 3 | 2 | 5 | | | | | | | | | | | | | 2,500 |

* Statistics of 1887-88.

a Destroyed by fire February 1, 1889.*b* These figures refer to the Kingston school district, which embraces only about one-half of the entire city.*c* Included also in columns 12 and 13.*d* These figures refer to the high school in West New Brighton.

e The public-school system of New York City really includes the College of the City of New York, for boys, and the Normal College for girls, but they are not under the control of the board of education as such. Each of these institutions is under the jurisdiction of a board of trustees, consisting of the board of education and the president of the college. The number of academic students enrolled in both institutions was 2,531 in 1888-89. Full statistics relating to them may be found chapter XXXVIII, table 7, and chapter XXXVI, table 5, respectively.

f The 19 students in the teachers' training course are also included in column 13.*g* Some pupils take both courses.*h* Members of the teachers' training class are not students of the high school.*i* In addition to 365 pamphlets.

TABLE 16. — *Statistics for 1888-89 of public high schools in cities and villages containing over 4,000 inhabitants—Continued.*

| City. | Number of such schools. | | | Number of in-structors. | | | Number of dif-ferent pupils enrolled. | | | Average daily attend-ance. | | | Number of students in— | | | | | | Number graduated during 1888-89. | | | Value of scientific ap-paratus. | | | | | | | | | | | | | | | | | |
|--------------------------|-------------------------|---------|--------|-------------------------|---------|--------|---------------------------------------|---------|--------|----------------------------|--------------------------------|---------------------|-----------------------------|---------------------------------|-------|---------|--------|-----|----------------------------------|---------|--|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Classical course. | English or scien-tific course. | Comm-ercial course. | Teachers' train-ing course. | Other courses and unclassified. | Male. | Female. | Total. | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | | | | | | | | | | | | | | | | | | | |
| OHIO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 481 Akron | 1 | 8 | 9 | 17 | 142 | 215 | 357 | 108 | 164 | 272 | 98 | 152 | | | 0 | 12 | 37 | 49 | 180 | \$1,550 | | | | | | | | | | | | | | | | | | | |
| 482 Alliance | 1 | 1 | 1 | 2 | 30 | 58 | 88 | 28 | 54 | 82 | | | | | | 4 | 11 | 15 | 1,200 | | | | | | | | | | | | | | | | | | | | |
| 483 Ashabula | 1 | 2 | 2 | 4 | 43 | 71 | 114 | 32 | 55 | 87 | 28 | 86 | | | | 2 | 4 | 6 | 600 | | | | | | | | | | | | | | | | | | | | |
| 484 Bellaire * | 1 | 2 | 2 | 4 | 50 | 105 | 155 | 40 | 91 | 131 | 137 | 0 | 0 | 0 | | 3 | 10 | 13 | 626 | 75 | | | | | | | | | | | | | | | | | | | |
| 485 Bellefontaine | 1 | 1 | 1 | 2 | 18 | 43 | 61 | 13 | 36 | 49 | | | | | | 1 | 6 | 7 | 130 | 150 | | | | | | | | | | | | | | | | | | | |
| 486 Bucyrus | 1 | 2 | 0 | 2 | 20 | 35 | 55 | 17 | 27 | 44 | 23 | 32 | 0 | 0 | 0 | 7 | 11 | 18 | 700 | 300 | | | | | | | | | | | | | | | | | | | |
| 487 Canton * | 1 | 1 | 1 | 3 | 35 | 103 | 138 | (115) | | | | | | | | 8 | 11 | 19 | | | | | | | | | | | | | | | | | | | | | |
| 488 Chillicothe | 1 | 3 | 59 | 59 | 118 | 55 | 49 | 55 | 49 | 104 | | | | | | 4 | 8 | 12 | | | | | | | | | | | | | | | | | | | | | |
| 489 Cincinnati | 2 | 18 | 20 | 38 | 645 | 825 | 1,470 | 513 | 672 | 1,215 | 32 | 49 | 0 | 0 | 0 | 51 | 58 | 109 | 11,000 | 2,500 | | | | | | | | | | | | | | | | | | | |
| 490 Circleville | 2 | 0 | 3 | 3 | 23 | 58 | 81 | 17 | 41 | 58 | | | | | | 2 | 2 | 4 | 400 | 1,000 | | | | | | | | | | | | | | | | | | | |
| 491 Cleveland | 2 | 19 | 23 | 42 | 236 | 416 | 652 | 416 | 890 | 1,306 | 135 | 881 | 0 | 0 | 0 | 30 | 99 | 129 | 5,000 | 2,500 | | | | | | | | | | | | | | | | | | | |
| 492 Columbus | 1 | 8 | 10 | 18 | 156 | 273 | 429 | 197 | 367 | 564 | 497 | 1 | 155 | 229 | | 16 | 43 | 59 | | | | | | | | | | | | | | | | | | | | | |
| 493 Dayton | 1 | 1 | 1 | 1 | 156 | 273 | 429 | 129 | 239 | 368 | | | | | | 8 | 19 | 27 | | | | | | | | | | | | | | | | | | | | | |
| 494 Defiance | 1 | 0 | 3 | 3 | 30 | 51 | 81 | 22 | 39 | 61 | 12 | 69 | c35 | | | 1 | 14 | 15 | 1,500 | 300 | | | | | | | | | | | | | | | | | | | |
| 495 Delaware * | 1 | 1 | 1 | 2 | 26 | 36 | 62 | (145) | | | | | | | | 17 | 22 | 39 | | | | | | | | | | | | | | | | | | | | | |
| 496 Delphos * | 1 | 1 | 1 | 2 | 8 | 32 | 40 | 21 | 30 | 51 | | | | | | | | | 556 | 300 | | | | | | | | | | | | | | | | | | | |
| 497 East Liverpool | 1 | 1 | 1 | 1 | 58 | 105 | 163 | 49 | 95 | 144 | 67 | 96 | 0 | 0 | 0 | 10 | 19 | 29 | 250 | 150 | | | | | | | | | | | | | | | | | | | |
| 498 Elyria | 1 | 1 | 1 | 3 | 4 | 58 | 105 | 12 | 40 | 61 | | | | | | 3 | 5 | 8 | 120 | 500 | | | | | | | | | | | | | | | | | | | |
| 499 Findlay * | 1 | 2 | 1 | 2 | 13 | 65 | 83 | 13 | 40 | 61 | | | | | | 1 | 8 | 9 | 253 | 300 | | | | | | | | | | | | | | | | | | | |
| 500 Fostoria | 1 | 1 | 2 | 3 | 15 | 30 | 45 | 12 | 22 | 35 | 0 | 45 | 0 | 0 | 0 | 3 | 8 | 11 | | | | | | | | | | | | | | | | | | | | | |
| 501 Fremont | 1 | 1 | 1 | 2 | 36 | 60 | 96 | 25 | 55 | 80 | 30 | 66 | 0 | 0 | 0 | 3 | 8 | 11 | 1,100 | 500 | | | | | | | | | | | | | | | | | | | |
| 502 Galion | 1 | 1 | 1 | 2 | 12 | 31 | 43 | 11 | 30 | 41 | 9 | 43 | | | | 2 | 5 | 7 | 500 | 400 | | | | | | | | | | | | | | | | | | | |
| 503 Gallipolis | 2 | 2 | 1 | 3 | 32 | 47 | 79 | 19 | 39 | 58 | 11 | 58 | | | | 2 | 5 | 7 | | | | | | | | | | | | | | | | | | | | | |
| 504 Greenville * | 1 | 1 | 1 | 3 | 82 | 72 | 154 | (109) | | | | | | | | 4 | 9 | 13 | | | | | | | | | | | | | | | | | | | | | |
| 505 Hamilton | 1 | 2 | 3 | 5 | 54 | 105 | 159 | 46 | 97 | 143 | 159 | 0 | 0 | 0 | 0 | 5 | 17 | 22 | 450 | 750 | | | | | | | | | | | | | | | | | | | |
| 506 Ironton | 1 | 1 | 2 | 3 | 25 | 63 | 88 | 24 | 59 | 83 | 91 | 0 | 0 | 0 | 0 | 5 | 9 | 14 | 150 | 1,000 | | | | | | | | | | | | | | | | | | | |
| 507 Kenton * | 1 | 1 | 1 | 2 | 37 | 68 | 105 | 23 | 48 | 71 | 22 | 59 | 0 | 0 | 0 | 4 | 11 | 15 | 1,000 | 300 | | | | | | | | | | | | | | | | | | | |
| 508 Lancaster | 1 | 1 | 1 | 2 | 4 | 36 | 40 | 23 | 54 | 77 | 25 | 59 | 0 | 0 | 0 | 3 | 8 | 11 | 200 | 1,000 | | | | | | | | | | | | | | | | | | | |
| 509 Lima | 1 | 1 | 1 | 3 | 4 | 37 | 68 | 27 | 54 | 81 | 25 | 10 | | | | 3 | 8 | 11 | 100 | 300 | | | | | | | | | | | | | | | | | | | |
| 510 Mansfield * | 1 | 1 | 3 | 4 | 5 | 110 | 115 | 4 | 88 | 92 | | | | | | 0 | 15 | 22 | 500 | 400 | | | | | | | | | | | | | | | | | | | |
| 511 Marietta * | 1 | 1 | 3 | 4 | 5 | 110 | 115 | 4 | 88 | 92 | | | | | | 0 | 15 | 22 | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|----|----|-----|------|----|----|----|----|----|----|----|---|----|----|-----|-----|
| 512 Marion * | 1 | 1 | 2 | 3 | 20 | 40 | 60 | (52) | 13 | 31 | 52 | 15 | 33 | 44 | 52 | 3 | 4 | 7 | 200 | 250 |
| 513 Martin's Ferry | 1 | 1 | 1 | 1 | 15 | 33 | 48 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 514 Massillon * | 1 | 1 | 1 | 1 | 36 | 55 | 91 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 515 Middletown | 1 | 1 | 1 | 1 | 25 | 35 | 60 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 516 Mount Vernon * | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 517 Nelsonville * | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 518 Newark | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 519 Norwalk | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 520 Painesville | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 521 Piquette | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 522 Pomeroy | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 523 Portsmouth | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 524 Salem * | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 525 Sandusky * | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 526 Sidney | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 527 Springfield * | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 528 Steubenville | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 529 Tiffin | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 530 Toledo | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 531 Troy | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 532 Urbana * | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 533 Van Wert | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 534 Warren * | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 535 Washington C.H. | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 536 Wooster * | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 537 Xenia * | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 538 Youngstown | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 539 Zanesville * | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| OREGON. | | | | | | | | | | | | | | | | | | | | |
| 540 Astoria | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 541 Portland | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 542 Salem | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| PENNSYLVANIA. | | | | | | | | | | | | | | | | | | | | |
| 543 Allegheny | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 544 Allentown | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 545 Altoona | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 546 Ashtabula | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 547 Beaver Falls | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 548 Bellefonte | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 549 Bethlehem * | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 550 Bloomsburg | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 551 Braddock | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 552 Bradford | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 553 Bristol | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |
| 554 Butler | 1 | 1 | 1 | 1 | 42 | 78 | 120 | (81) | 19 | 31 | 44 | 0 | 0 | 0 | 44 | 1 | 16 | 22 | 200 | 250 |

* Statistics of 1887-88.

a 107 pupils are in the "German" course.

b In the normal school, which is not connected with the high school.

c Included also in columns 13 and 14.

d One year added to course of study.

e In 1887-88.

f In "English and German" course, 30.

TABLE 16.—Statistics for 1888-89 of public high schools in cities and villages containing over 4,000 inhabitants—Continued.

| City. | Number of such schools. | Number of in- structors. | | | Number of dif- ferent pupils enrolled. | | | Average daily attend- ance. | | | Number of students in— | | | | | | Number graduated during 1888-89. | | | Number of volumes in library. | Value of scientific ap- paratus. |
|----------------------|-------------------------|-----------------------------|----------|----------|----------------------------------------------|----------|----------|--------------------------------|-----------|-----------|------------------------|------------------------------------|----------------------------|---------------------------------|------------------------------------|-----------|-------------------------------------|-----------|-----------|----------------------------------|-------------------------------------|
| | | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Classical course. | English or scien- tific course. | Com- mercial course. | Teachers' train- ing course. | Other courses and unclassified. | Male. | Female. | Total. | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | |
| PENNSYLVANIA—cont'd. | | | | | | | | | | | | | | | | | | | | | |
| 555 Carbondale* | 1 | (3) | 1 | 3 | (150) | 75 | 150 | 29 | 68 | 97 | 0 | 103 | 0 | 0 | 0 | 5 | 12 | 17 | ..... | ..... |  |
| 556 Carlisle | 2 | 2 | 2 | 4 | 33 | 75 | 120 | 18 | 59 | 77 | 25 | 69 | 0 | 8 | 0 | 8 | 17 | 15 | ..... | ..... |  |
| 557 Chambersburg | 1 | 1 | 1 | 2 | 22 | 72 | 94 | 18 | 59 | 77 | 25 | 69 | 0 | 8 | 0 | 3 | 13 | 16 | ..... | ..... |  |
| 558 Chester | 1 | 1 | 1 | 2 | 2 | 7 | 8 | 6 | 7 | 13 | 0 | 15 | 0 | 0 | 0 | 3 | 0 | 3 | ..... | ..... |  |
| 559 Columbia | 1 | 1 | 1 | 2 | 2 | 8 | 15 | 6 | 18 | 24 | (a) | 28 | 3 | 0 | 0 | 3 | 5 | 8 | ..... | ..... |  |
| 560 Connellysburg | 1 | 1 | 1 | 2 | 11 | 32 | 44 | 6 | 18 | 24 | 24 | 24 | 3 | 0 | 0 | 7 | 17 | 24 | ..... | ..... |  |
| 561 Conshohocken | 1 | 1 | 1 | 2 | 3 | 19 | 32 | 51 | (49) | 49 | 28 | 20 | 3 | 0 | 0 | 1 | 5 | 6 | ..... | ..... |  |
| 562 Cory | 1 | 1 | 1 | 2 | 3 | 75 | 70 | 145 | 619 | 620 | 625 | 625 | ..... | ..... | ..... | 7 | 17 | 24 | ..... | ..... |  |
| 563 Danville | 1 | 1 | 1 | 2 | 23 | 26 | 49 | 619 | 620 | 639 | ..... | ..... | ..... | ..... | ..... | 1 | 14 | 15 | ..... | ..... |  |
| 564 Du Bois | 1 | 1 | 1 | 2 | 12 | 30 | 42 | 9 | 23 | 37 | ..... | ..... | ..... | ..... | ..... | 5 | 18 | 23 | ..... | ..... |  |
| 565 Dunmore | 1 | 1 | 1 | 2 | 105 | 198 | 303 | 71.1 | 151.1 | 222.2 | 10 | 233 | 18 | 23 | 19 | 5 | 18 | 23 | ..... | ..... |  |
| 566 Easton* | 1 | (5) | 4 | 9 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 567 Erie | 1 | 1 | 1 | 2 | 21 | 38 | 59 | 15 | 33 | 48 | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 11 | ..... | ..... |  |
| 568 Franklin* | 1 | 1 | 1 | 2 | 140 | 240 | 380 | 113 | 167 | 280 | 175 | 205 | 0 | 0 | 0 | 12 | 25 | 37 | ..... | ..... |  |
| 569 Greenville | 1 | 1 | 1 | 2 | 3 | 37 | 66 | 45 | (56) | 56 | 0 | 0 | 0 | 0 | 0 | 1 | 8 | 9 | ..... | ..... |  |
| 570 Harrisburg | 2 | 2 | 2 | 4 | 50 | 80 | 130 | 45 | 72 | 117 | 13 | 65 | 0 | 0 | 0 | 8 | 1 | 9 | ..... | ..... |  |
| 571 Hazleton | 1 | 1 | 1 | 2 | 4 | 40 | 80 | 30 | 70 | 100 | 120 | 0 | 0 | 0 | 0 | 7 | 2 | 9 | ..... | ..... |  |
| 572 Honesdale | 1 | 1 | 1 | 2 | 40 | 80 | 120 | 30 | 70 | 100 | 120 | 0 | 0 | 0 | 0 | 8 | 1 | 9 | ..... | ..... |  |
| 573 Huntington | 1 | 1 | 1 | 2 | 120 | 183 | 303 | 98 | 153 | 251 | 102 | 201 | 0 | 0 | 0 | 16 | 27 | 43 | ..... | ..... |  |
| 574 Johnstown* | 2 | 2 | 2 | 4 | 45 | 55 | 100 | 40 | 48 | 88 | 55 | 34 | 0 | 0 | 0 | 5 | 18 | 24 | ..... | ..... |  |
| 575 Lancaster | 2 | 2 | 2 | 4 | 45 | 44 | 89 | 40 | 40 | 80 | 55 | 34 | 0 | 0 | 0 | 29 | 13 | 42 | ..... | ..... |  |
| 576 Lebanon* | 1 | 1 | 1 | 2 | 45 | 44 | 89 | 40 | 40 | 80 | 55 | 34 | 0 | 0 | 0 | 3 | 6 | 9 | ..... | ..... |  |
| 577 Lock Haven | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 8 | 22 | 30 | ..... | ..... |  |
| 578 McKeesport | 1 | 1 | 1 | 2 | 45 | 44 | 89 | 40 | 40 | 80 | 55 | 34 | 0 | 0 | 0 | 1 | 6 | 7 | ..... | ..... |  |
| 579 Mahanoy | 1 | 1 | 1 | 2 | 25 | 34 | 59 | 23 | 30 | 53 | 0 | 53 | 0 | 0 | 0 | ..... | ..... | ..... | ..... | ..... |  |
| 580 Mauch Chunk | 1 | 1 | 1 | 2 | 50 | 101 | 151 | 39 | 86 | 125 | 116 | 10 | 25 | 0 | 0 | 8 | 22 | 30 | ..... | ..... |  |
| 581 Meadville | 1 | 1 | 1 | 2 | 15 | 31 | 46 | 13 | 23 | 41 | ..... | ..... | ..... | ..... | ..... | 1 | 6 | 7 | ..... | ..... |  |
| 582 Mechanicsburg | 1 | 1 | 1 | 2 | 31 | 46 | 77 | 13 | 23 | 41 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 583 Middletown | 1 | 1 | 1 | 2 | 31 | 46 | 77 | 13 | 23 | 41 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 584 Monongahela | 1 | 1 | 1 | 2 | 20 | 35 | 55 | 17 | 32 | 49 | 0 | 29 | 16 | 10 | 0 | ..... | ..... | ..... | ..... | ..... |  |
| 585 Nanticoke | 1 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | ..... | ..... | ..... | ..... | ..... |  |

[illegible]

The training school is independent of the high schools.

b In 1887-88.

a All in academic course.

*Statistics of 1887-88.

| VERMONT. | | | | | | | | | | | |
|----------------|-----------------|---|---|----|----|-------|-----|-----|---------|-------|-------|
| 655 | Bennington * | 1 | 2 | 0 | 2 | 31 | 26 | 57 | 20.9 | 27.1 | 48 |
| 656 | Brattleborough | 1 | 2 | 2 | 4 | (156) | 156 | 148 | (148) | 148 | 136 |
| 657 | Burlington | 1 | 2 | 4 | 6 | (200) | 200 | 173 | (173) | 173 | 160 |
| 658 | Rutland | 1 | 2 | 3 | 3 | (61) | 61 | 52 | (52) | 52 | 1,200 |
| 659 | St. Albans * | 1 | 1 | 2 | 2 | (67) | 67 | | | (15) | 500 |
| 660 | St. Johnsbury | c | | | | | | | | | |
| VIRGINIA. | | | | | | | | | | | |
| 661 | Alexandria | d | | | | | | | | | |
| 662 | Danville | 2 | 1 | | | (71) | 71 | | | | |
| 663 | Fredericksburgh | 1 | 1 | 2 | 2 | 22 | 22 | 44 | | | |
| 664 | Lyndeburgh* | 2 | 6 | 2 | 8 | 69 | 141 | 163 | 53 | 111 | 100 |
| 665 | Manchester | 1 | 1 | | | (32) | 32 | | | | |
| 666 | Norfolk | 0 | | | | | | | | | |
| 667 | Petersburgh | 2 | 2 | 4 | 4 | 62 | 122 | 184 | 48 | 97 | 250 |
| 668 | Portsmouth | 1 | 1 | 1 | 2 | 19 | 39 | 41 | (41) | 41 | 0 |
| 669 | Richmond | 2 | 4 | 28 | 32 | 278 | 733 | 739 | 201 | 538 | 500 |
| 670 | Roanoke | | | | | | | | | | |
| 671 | Staunton | 1 | 3 | 0 | 3 | 34 | 45 | 79 | 29.5 | 35.6 | 0 |
| 672 | Winchester* | 2 | 1 | 1 | 2 | 40 | 45 | 85 | 38 | 33 | 0 |
| WASHINGTON. | | | | | | | | | | | |
| 673 | Seattle | 1 | 2 | 1 | 3 | | | | | | |
| 674 | Spokane Falls | 1 | 1 | 1 | 2 | 26 | 24 | 50 | (32) | | 0 |
| 675 | Tacoma | 1 | 1 | 2 | 3 | 27 | 48 | 75 | | | 100 |
| 676 | Walla Walla | b | | | | | | | | | 100 |
| WEST VIRGINIA. | | | | | | | | | | | |
| 677 | Charleston | 1 | 0 | 2 | 2 | 11 | 29 | 40 | | | |
| 678 | Grafton | 1 | 2 | 0 | 2 | 23 | 34 | 57 | 10 | 21 | 150 |
| 679 | Martinsburgh | 1 | 1 | 3 | 4 | 79 | 100 | 179 | 63 | 89 | 280 |
| 680 | Parkersburgh | 2 | 3 | 2 | 5 | 35 | 60 | 95 | 28 | 32 | 30 |
| 681 | Wheeling | 8 | 8 | 16 | 24 | 200 | 440 | 380 | 180 | 200 | 200 |
| WISCONSIN. | | | | | | | | | | | |
| 682 | Appleton | 1 | 5 | 2 | 7 | 112 | 127 | 239 | 68 | 87 | 650 |
| 683 | Baraboo | 1 | 1 | 2 | 3 | 30 | 55 | 85 | (60) | 72 | 725 |
| 684 | Beaver Dam* | 1 | 1 | 2 | 3 | 32 | 44 | 76 | 16 | 35.5 | 50 |
| 685 | Beloit | 1 | 1 | 3 | 4 | 23 | 47 | 70 | (64) | 59 | 475 |
| 686 | Berlin | 1 | 1 | 2 | 3 | 42 | 74 | 116 | 36 | 64 | 6,500 |
| 687 | Chippewa Falls | 1 | 1 | 1 | 2 | 90 | 117 | 207 | (95) | 100 | 1,200 |
| 688 | Eau Claire | 3 | 3 | 4 | 7 | 52 | 94 | 146 | 59.7 | 72.1 | 1,000 |
| 689 | Fond du Lac | 1 | 1 | 4 | 5 | 52 | 94 | 146 | (122.3) | 131.8 | 350 |
| 690 | Fort Howard | 1 | 1 | 2 | 3 | 10 | 31 | 41 | 9.5 | 30 | 1,200 |
| 691 | Green Bay | 1 | 1 | 3 | 4 | 27 | 55 | 82 | 21 | 48 | 100 |

* Statistics of 1887-88.

a Included also in columns 12 and 13.

b In 1887-88.

c St. Johnsbury Academy is not under the control of the city school board.

d There is no high school; but algebra, geometry, etc., are taught in the eighth grade.

e Included also in column 13.

TABLE 16.—Statistics for 1888-89 of public high schools in cities and villages containing over 4,000 inhabitants—Continued.

| City. | Number of such schools. | Number of in-structors. | | | Number of dif-ferent pupils enrolled. | | | Average daily attend-ance. | | | Number of students in— | | | | | | Number graduated during 1888-89. | | | Number of volumes in library. | Value of scientific ap-paratus. |
|--------------------------|-------------------------|-------------------------|----------|----------|---------------------------------------|----------|----------|----------------------------|-----------|-----------|------------------------|--------------------------------|---------------------|-----------------------------|---------------------------------|-----------|----------------------------------|-----------|-----------|-------------------------------|---------------------------------|
| | | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Classical course. | English or sci-entific course. | Com-mercial course. | Teachers' train-ing course. | Other courses and unclassified. | Male. | Female. | Total. | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | |
| WISCONSIN—cont'd. | | | | | | | | | | | | | | | | | | | | | |
| 692 Janesville | 1 | 2 | 2 | 4 | 41 | 66 | 107 | 32 | 59 | 91 | 49 | 58 | 0 | 0 | 0 | 7 | 10 | 17 | 467 | \$1,000 | |
| 693 Kenosha | 1 | 1 | 2 | 3 | 29 | 40 | 79 | 27 | 28 | 55 | 18 | 50 | 0 | 0 | 0 | 2 | 3 | 5 | 365 | 375 | |
| 694 La Crosse | 1 | 2 | 5 | 7 | 85 | 99 | 184 | 81 | 94 | 175 | 96 | 88 | 0 | 0 | 0 | 4 | 4 | 8 | 435 | 750 | |
| 695 Madison | 1 | 2 | 12 | 14 | 134 | 189 | 323 | 108 | 137 | 245 | 145 | 94 | 0 | 641 | 84 | 10 | 25 | 35 | 890 | 250 | |
| 696 Marinette * | 1 | | | | | | | | | | | | | | | | | | | | |
| 697 Menasha | 1 | 1 | 3 | 4 | 18 | 32 | 50 | 14 | 26 | 40 | 9 | 20 | 0 | 0 | 21 | 2 | 7 | 9 | 800 | 500 | |
| 698 Menomonie | 1 | 1 | 1 | 2 | 53 | 59 | 112 | (70) | (70) | 70 | 80 | 32 | 0 | 0 | 0 | 5 | 5 | 12 | 402 | 349 | |
| 699 Merrill | 1 | 1 | 7 | 8 | (70) | 70 | 499 | (436) | (436) | 50 | 0 | 70 | 0 | 0 | 0 | 2 | 3 | 5 | | | |
| 700 Milwaukee | 1 | 7 | 15 | 22 | 50 | 75 | 125 | 46 | 63 | 109 | 30 | 57 | 0 | 0 | 0 | 19 | 30 | 49 | | 6,360 | |
| 701 Monroe | 1 | 1 | 2 | 3 | 29 | 58 | 87 | 21 | 42 | 63 | 30 | 57 | 0 | 0 | 0 | 8 | 9 | 17 | 1,530 | 40 | |
| 702 Neenah | 1 | 1 | 2 | 3 | 29 | 58 | 87 | 21 | 42 | 63 | 30 | 57 | 0 | 0 | 0 | 1 | 1 | 2 | 129 | 325 | |
| 703 Oconto | 1 | 2 | 0 | 2 | 40 | 22 | 62 | 20 | 27 | 47 | 15 | 28 | 0 | 0 | 0 | 5 | 6 | 11 | 1,580 | 300 | |
| 704 Oshkosh | 1 | 61 | 64 | 65 | (141) | 141 | 141 | (5113) | 27 | 6113 | 33 | 76 | 0 | 0 | 0 | (7) | 7 | 7 | 250 | 150 | |
| 705 Portage | 1 | 1 | 2 | 3 | 48 | 79 | 127 | 46.2 | 59.6 | 105.8 | 48 | 76 | 0 | 0 | 0 | 5 | 12 | 17 | 250 | 150 | |
| 706 Racine | 1 | 3 | 1 | 4 | 51 | 70 | 124 | 46.2 | 59.6 | 105.8 | 48 | 76 | 0 | 0 | 0 | 2 | 4 | 6 | 1,000 | 250 | |
| 707 Sheboygan | 1 | 2 | 2 | 4 | 26 | 37 | 63 | (17) | (17) | 47 | 12 | 50 | 0 | 0 | 1 | 2 | 4 | 6 | 244 | 150 | |
| 708 Stevens Point | 1 | 1 | 3 | 4 | 41 | 53 | 74 | 58 | 63 | 61 | 52 | 9 | 0 | 12 | 9 | 4 | 7 | 11 | 2,500 | 500 | |
| 709 Watertown | 1 | 3 | 1 | 4 | 81 | 92 | 173 | 58 | 63 | 121 | 40 | 0 | 0 | 22 | 0 | 68 | 67 | 115 | 580 | 400 | |
| 710 Wausau | 1 | 1 | 2 | 3 | 45 | 59 | 104 | (74.9) | (74.9) | 74.9 | 0 | 104 | 0 | 0 | 0 | 4 | 6 | 10 | 400 | 310 | |
| 711 Wausau | 1 | 2 | 1 | 3 | 27 | 33 | 60 | 21 | 27 | 48 | 31 | 27 | 0 | 0 | 0 | 62 | 64 | 66 | 325 | 150 | |
| 712 White Water | 1 | 1 | 3 | 4 | 27 | 36 | 63 | 17.3 | 23.2 | 42.5 | 31 | 27 | 0 | 0 | 5 | 4 | 4 | 8 | 779 | 500 | |
| WYOMING. | | | | | | | | | | | | | | | | | | | | | |
| 713 Cheyenne | 1 | 1 | 2 | 3 | 23 | 43 | 71 | 25 | 39 | 64 | 24 | 47 | 0 | 0 | 0 | 2 | 3 | 5 | 1,125 | 300 | |

* Statistics of 1887-88.

^a This is the number of the fourth-year class, all of whom receive instruction in the theory and practice of teaching. They are also included in the numbers in the classical and English courses.

^b In 1887-88.

TABLE 17.—Statistics of teachers, enrollment, attendance, and expenditures of evening schools in cities containing over 4,000 inhabitants.

| City. | Number of such schools. | | Number of evenings the schools were actually in session. | | Number of teachers. | | | Number of different pupils enrolled. | | | Average daily attendance. | | | Ratio of average daily attendance to total enrollment. | Attendance first evening of term. | Attendance last evening of term. | Total expenditure for evening schools. |
|---------------------------------|-------------------------|------|----------------------------------------------------------|----|---------------------|---------|---------|--------------------------------------|----|--------|---------------------------|---------|--------|--------------------------------------------------------|-----------------------------------|----------------------------------|----------------------------------------|
| | 2 | 3 | 4 | 5 | Total. | Male. | Female. | 7 | 8 | Total. | Male. | Female. | Total. | | | | |
| 1 | 1 | 1 | (1) | 1 | 1 | | | | | | | | | | | | |
| ARIZONA. | | | | | | | | | | | | | | | | | |
| 1 Tucson* | 1 | 112 | 1 | 0 | 1 | 77 | 0 | 77 | 0 | 77 | 25 | 0 | 25 | 32.4 | | | \$350 |
| CALIFORNIA. | | | | | | | | | | | | | | | | | |
| 2 Los Angeles | 1 | 191 | 2 | 1 | 3 | 89 | 10 | 99 | 43 | 210 | 54 | 7 | 61 | 61.6 | | | 2,110 |
| 3 Oakland | 1 | 120 | 1 | 1 | 2 | 167 | 337 | 3,457 | 33 | 129 | 1,195 | 119 | 1,314 | 33.8 | 64 | 62 | 675 |
| 4 Sacramento | 5 | 193 | 13 | 31 | 44 | 8,150 | 96 | 3,457 | 33 | 129 | 1,195 | 119 | 1,314 | 37.7 | 1,432 | 1,315 | |
| 5 San Francisco | 1 | 180 | 3 | 0 | 3 | 96 | | | | | | | | 41.8 | | | 1,077 |
| 6 San José | | | | | | | | | | | | | | | | | |
| CONNECTICUT. | | | | | | | | | | | | | | | | | |
| 7 Bridgeport | 2 | 50 | 3 | 1 | 4 | (86) | | 86 | | 86 | (227) | | 227 | 30.6 | | | 2,329 |
| 8 Hartford | 3 | 50 | 7 | 7 | 14 | (766) | | 766 | | 766 | (45) | | 46 | 52.9 | | | 470 |
| 9 Meriden | 1 | 50 | 2 | 0 | 2 | (38) | | 38 | | 38 | (35) | | 35 | 20.1 | | | 500 |
| 10 New Britain | 2 | 55 | 5 | 3 | 8 | 211 | 62 | 273 | | 273 | (300) | | 300 | 25.6 | | | 2,697 |
| 11 New Haven | 11 | 56 | 19 | 1 | 20 | (1,014) | | 1,014 | | 1,014 | (57) | | 57 | 61.3 | | | 881 |
| 12 New Haven | 1 | 30 | 1 | 1 | 2 | (33) | | 33 | | 33 | (106) | | 106 | 45.3 | | | |
| 13 Stamford | 5 | 54 | 2 | 5 | 7 | (232) | | 232 | | 232 | | | | | | | |
| 14 Waterbury | | | | | | | | | | | | | | | | | |
| DELAWARE. | | | | | | | | | | | | | | | | | |
| 14 New Castle | 1 | 52 | 1 | 1 | 2 | 40 | 10 | 50 | | 50 | (56) | | 56 | 52.8 | | | 134 |
| 15 Wilmington | 2 | 56 | 0 | 4 | 4 | (106) | | 106 | | 106 | | | | | | | |
| DISTRICT OF COLUMBIA. | | | | | | | | | | | | | | | | | |
| 16 Washington (white schools) | 8 | 57 | 12 | 11 | 23 | 895 | 135 | 1,030 | | 1,030 | 533 | 85 | 618 | 60.0 | | | 2,736 |
| 17 Washington (colored schools) | 5 | 57.5 | 6 | 14 | 20 | 449 | 631 | 1,080 | | 1,080 | 242 | 377 | 619 | 57.3 | | | 2,310 |

* Statistics of 1887-88.

TABLE 17.—Statistics of teachers, enrollment, attendance, and expenditures of evening schools in cities containing over 4,000 inhabitants—Continued.

| City. | Number of such schools. | | Number of evenings the schools were actually in session. | | Number of teachers. | | | Number of different pupils enrolled. | | | Average daily attendance. | | | Ratio of average daily attendance to total enrollment. | Attendance first evening of term. | Attendance last evening of term. | Total expenditure for evening schools. |
|--------------------------------|-------------------------|-----|----------------------------------------------------------|-------|---------------------|---------|-------|--------------------------------------|---------|-------|---------------------------|--------|-------|--------------------------------------------------------|-----------------------------------|----------------------------------|----------------------------------------|
| | 1 | 2 | 3 | Male. | | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | | | |
| | | | | 4 | 5 | | | | | | | | 6 |  |  |  |  | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| ILLINOIS. | | | | | | | | | | | | | | | | | |
| 18 Braidwood..... | 1 | 25 | 1 | 0 | 1 | 7,369 | 1,880 | 9,189 | 2,518 | 639 | 3,157 | 34.4 | 3,461 | 1,297 | | \$36,162 | |
| 19 Chicago..... | 27 | 117 | 156 | 43 | 199 | 20 | 12 | 32 | 15 | 10 | 25 | 78.1 | | | | | |
| 20 Effingham*..... | 1 | 1 | 1 | 1 | 2 | 240 | 196 | 436 | 118 | 145 | 263 | 60.3 | | | | | |
| 21 Peoria..... | 5 | 100 | 3 | 2 | 5 | | | | | | | | 385 | 49 | | 1,263 | |
| INDIANA. | | | | | | | | | | | | | | | | | |
| 22 Goshen..... | 1 | 60 | 2 | 0 | 2 | 35 | 7 | 42 | 30 | 5 | 35 | 83.3 | | | | | |
| IOWA. | | | | | | | | | | | | | | | | | |
| 23 Burlington..... | 3 | 80 | 3 | 0 | 3 | (87) | 87 | 87 | 35 | (93) | 93 | | 68 | 25 | | | |
| 24 Cedar Rapids..... | 2 | 97 | 3 | 2 | 5 | 212 | 35 | 247 | 95 | 16 | 111 | 44.9 | | | | | |
| 25 Davenport..... | 2 | 79 | 3 | 2 | 5 | 169 | 56 | 225 | (113.7) | | 113.7 | 50.5 | | | | | |
| 26 Des Moines (west side)..... | | 68 | 4 | 2 | 6 | | | | | | | | | | | | |
| KENTUCKY. | | | | | | | | | | | | | | | | | |
| 27 Covington..... | 2 | | | | | | | | | | | | | | | | |
| 28 Louisville..... | 6 | 80 | 4 | 30 | 34 | (1,392) | | 1,392 | (804) | | 864 | 62.1 | | | | 576 5,029 | |
| MAINE. | | | | | | | | | | | | | | | | | |
| 29 Biddeford..... | 1 | 64 | 2 | 2 | 4 | 80 | 130 | 210 | (102) | | 102 | 48.6 | 60 | 85 | | 530 | |
| 30 Lewiston..... | 3 | 80 | 7 | 5 | 12 | 180 | 200 | 380 | | | | | 200 | 80 | | 1,521 | |
| MASSACHUSETTS. | | | | | | | | | | | | | | | | | |
| 31 Boston..... | 20 | | 74 | 79 | 153 | (4,360) | | | (2,943) | | 2,943 | 67.5 | | | | 55,429 | |
| 32 Brockton..... | | | 2 | 2 | 4 | (108) | | 108 | (69) | | 69 | 63.9 | | | | 817 | |
| 33 Brookline..... | 1 | 68 | 1 | 4 | 5 | 63 | 27 | 90 | (38) | | 38 | 42.2 | | | | 400 | |

CITY COMMON SCHOOL STATISTICS.

| | | | | | | | | | | | | | |
|--------------------------------------------------------------|-------------------|-------|-------|-------|-------|-------|---------|-------|---------|-------|-----------------------------------|--------|--|
| 24 | Cambridge..... | 4 | 50 | 9 | 12 | 21 | (356) | 356 | (149) | 149 | 41.8 | 2,257 | |
| 25 | Chelsea..... | 2 | ..... | 4 | 7 | 11 | (438) | 438 | (154) | 154 | 33.6 | 683 | |
| 26 | Chicopee..... | 1 | 48 | 1 | ..... | 23 | (385) | 385 | (446.3) | 446.3 | 76.3 | 1,886 | |
| 27 | Clinton..... | 1 | 35 | 1 | ..... | 9 | 147 | 96 | (98) | 98 | 40.3 | 457 | |
| 28 | Danvers..... | 1 | 38 | 1 | 8 | 9 | 23 | 0 | 12 | 12 | 52.2 | 185 | |
| 29 | Dedham..... | 1 | 40 | 2 | 1 | 3 | (51) | 54 | (21) | 21 | 38.9 | 130 | |
| 30 | Fall River..... | 49 | 64 | 106 | 106 | 106 | (2,730) | 2,730 | (1,142) | 1,142 | 41.8 | 11,837 | |
| 31 | Fitchburg..... | 4 | 24 | 5 | 9 | 14 | (248) | 248 | (163) | 163 | 65.7 | 2,226 | |
| 32 | Haverhill..... | 4 | 41 | 8 | 9 | 12 | 225 | 120 | (186) | 186 | 53.9 | 1,200 | |
| 33 | Holyoke*..... | 5 | 40 | 12 | 23 | 35 | 566 | 219 | 250 | 250 | 47.6 | 3,660 | |
| 34 | Hyde Park..... | 2 | 689 | 3 | 0 | 3 | 115 | 29 | (24) | 24 | 21.1 | 501 | |
| 35 | Lawrence..... | 20 | 55 | 9 | 23 | 37 | (849) | 849 | (581) | 581 | 68.5 | 14 | |
| 36 | Lowell..... | 21 | 82 | ..... | (86) | 86 | 1,845 | 1,469 | (1,437) | 1,437 | 43.3 | 10,413 | |
| 37 | Lynn..... | 1 | 42 | 5 | 17 | 22 | 364 | 166 | 168 | 168 | 46.5 | 1,514 | |
| 38 | Malden..... | 2 | 120 | 6 | 3 | 9 | 137 | 107 | 64 | 64 | 50.0 | 86 | |
| 39 | Milford..... | 1 | 74 | 1 | 1 | 2 | 56 | 0 | 31 | 31 | 55.4 | 1,563 | |
| 40 | New Bedford..... | 5 | 80 | 1 | 39 | 951 | 556 | 1,507 | (764) | 764 | 50.7 | 7,521 | |
| 41 | Newburyport..... | 2 | 28 | 1 | 6 | 7 | 59 | 42 | 32 | 28 | 60 | 285 | |
| 42 | Newton..... | 2 | 52 | 2 | 6 | 8 | (236) | 236 | (57) | 57 | 59.4 | 574 | |
| 43 | North Adams..... | 7 | 40 | 1 | 11 | 12 | (266) | 266 | 168 | 168 | 81.2 | 1,606 | |
| 44 | Northampton..... | 3 | 59 | 2 | 10 | 12 | 157 | 95 | (116.5) | 116.5 | 46.2 | 694 | |
| 45 | Pittsfield..... | 1 | 60 | 4 | 1 | 5 | 113 | 36 | 30 | 33 | 25.5 | 1,079 | |
| 46 | Plymouth..... | 1 | 56 | ..... | (60) | 2 | ..... | 60 | (30) | 30 | 50.0 | 261 | |
| 47 | Quincy..... | 4 | 53 | 6 | 16 | 22 | ..... | ..... | (57) | 57 | ..... | 2,074 | |
| 48 | Salem..... | 3 | 180 | 4 | 18 | 22 | 468 | 167 | 148 | 148 | 32.7 | 2,525 | |
| 49 | Somerville..... | 3 | 50 | 5 | 3 | 8 | (258) | ..... | (127) | 127 | 49.2 | 772 | |
| 50 | Southbridge..... | 6 | 34 | 4 | 5 | 9 | 127 | 168 | 106.4 | 106.4 | 78.9 | 464 | |
| 51 | Spencer..... | 2 | 40 | ..... | (10) | 10 | (106) | 106 | (100) | 100 | 94.1 | 100 | |
| 52 | Springfield..... | 4 | 101 | 5 | 13 | 15 | 530 | 91 | (222) | 222 | 35.7 | 2,352 | |
| 53 | Taunton..... | 5 | 37 | 11 | 10 | 13 | 381 | 199 | (289.9) | 289.9 | 49.9 | 1,303 | |
| 54 | Waltham..... | 3 | 118 | 5 | 4 | 9 | 163 | 132 | 149 | 149 | 87.8 | 1,500 | |
| 55 | Watertown..... | 1 | 27 | 2 | 3 | 5 | ..... | 97 | (39) | 39 | 40.2 | 263 | |
| 56 | Westfield*..... | 1 | 41 | 3 | 5 | 8 | 100 | 6 | 35 | 39 | 36.8 | 385 | |
| 57 | Woburn..... | 1 | 50 | 1 | 3 | 4 | 70 | 14 | 56 | 67 | 73.8 | 230 | |
| 58 | Worcester..... | 10 | 87 | 19 | 29 | 43 | 608 | 54 | 321 | 350 | 52.8 | 5,527 | |
| MICHIGAN. | | | | | | | | | | | | | |
| 69 | Detroit*..... | ..... | ..... | 9 | 3 | 12 | 554 | 135 | 267 | 344 | 49.9 | | |
| 70 | Grand Rapids..... | 3 | 124 | 1 | 2 | 3 | (194) | 194 | (43) | 43 | 22.2 | 21 | |
| 71 | Muskegon..... | 1 | 80 | 1 | 2 | 3 | 205 | 20 | 100 | 115 | 51.1 | 140 | |
| MINNESOTA. | | | | | | | | | | | | | |
| 72 | Duluth..... | 4 | 68 | 4 | 0 | 4 | (6372) | 6372 | (6108) | 6108 | 20.0 | 500 | |
| 73 | Minneapolis..... | 10 | 69 | 52 | 0 | 52 | 1,828 | 717 | (1,143) | 1,143 | 45.1 | 7,993 | |
| 74 | St. Paul..... | 11 | 120 | ..... | ..... | ..... | (2,130) | 2,130 | 475 | 625 | 29.4 | e499 | |
| 75 | Stillwater..... | 2 | 65 | 1 | 1 | 2 | (135) | 135 | (36) | 36 | 24.4 | | |
| 76 | Winona..... | 3 | 100 | 2 | 2 | 4 | 125 | 10 | 90 | 96 | 71.1 | 800 | |
| MISSOURI. | | | | | | | | | | | | | |
| 77 | St. Louis..... | 5 | 60 | 30 | 15 | 45 | 1,986 | 200 | 2,186 | ..... | d Average attendance first month. | 9,121 | |
| * Statistics of 1887-88. | | | | | | | | | | | | | |
| a The evening drawing school was in session but 40 evenings. | | | | | | | | | | | | | |
| b In 1887-88. | | | | | | | | | | | | | |
| c Attendance twentieth evening. | | | | | | | | | | | | | |
| d Average attendance last month. | | | | | | | | | | | | | |

* Statistics of 1887-88.

a The evening drawing school was in session but 40 evenings.

l In 1887-88.

Attendance twentieth evening.

d Average attendance first month.

Average attendance last month.

NEW YORK.

| | | | | | | | | | | | | | |
|-----------------|-------------------------|----|-----|-------|-----|-----|-----------|---------|----------|---------|------|-----|----------|
| 99 | Brooklyn..... | 13 | 51 | 14 | 50 | 64 | (11, 875) | 11, 875 | (4, 604) | 4, 604 | 38.8 | 721 | 5, 837 |
| 100 | Buffalo..... | 29 | 690 | 2 | 10 | 12 | (475) | 1, 791 | 816 | 1, 274 | 71.1 | 823 | 8, 658 |
| 101 | Long Island City *..... | 25 | 289 | 130 | 419 | 316 | 19, 360 | 26, 676 | 6, 912 | 10, 218 | 50.9 | | 121, 582 |
| 102 | New York..... | 1 | 84 | 4 | 1 | 5 | 38 | 52 | (242) | 242 | 38.3 | | |
| 103 | Olean..... | 2 | 69 | 2 | 9 | 11 | (664) | 664 | (25) | 35 | 67.3 | | |
| 104 | Rochester..... | 1 | 140 | 0 | 1 | 1 | 290 | 406 | (245) | 181 | 248 | | 1, 314 |
| 105 | Utica..... | 1 | 140 | 0 | 1 | 1 | 60 | 60 | 60 | 20 | 44.3 | | |
| 106 | Watertown..... | 3 | 75 | 10 | 4 | 14 | 327 | 452 | 133 | 228 | 33.3 | | |
| 107 | Yonkers..... | | | | | | 125 | 452 | 133 | 228 | 50.4 | 296 | 2, 614 |
| OHIO. | | | | | | | | | | | | | |
| 108 | Chillicothe..... | | | | | | | | | | | | 164 |
| 109 | Cleveland..... | | | | | | | | | | | | |
| 110 | Delphos *..... | 1 | 60 | 1 | 0 | 1 | 35 | 60 | 20 | 25 | 41.6 | | |
| 111 | Portsmouth..... | | | | | | | | | | | | |
| 112 | Xenia *..... | | | | | | | | | | | | |
| PENNSYLVANIA. | | | | | | | | | | | | | |
| 113 | Allegheny..... | 11 | 80 | 11 | 10 | 21 | 420 | 498 | 314 | 59 | 74.9 | | |
| 114 | Ashland..... | 2 | 60 | 2 | 2 | 4 | 35 | 98 | 80 | 0 | 81.6 | 70 | 300 |
| 115 | Beaver Falls..... | 1 | 24 | 0 | 1 | 1 | 47 | 62 | 17 | 0 | 82.3 | 40 | 90 |
| 116 | Chester..... | 2 | 80 | 2 | 0 | 2 | 96 | 96 | 6 | 20 | 60.4 | 75 | 12 |
| 117 | Dubois..... | 4 | 160 | 1 | 3 | 4 | 150 | 180 | 58 | 0 | | | 48 |
| 118 | Drumore..... | 61 | 160 | 2 | 0 | 2 | 135 | 0 | | | | | |
| 119 | Edin..... | 2 | 72 | 1 | 1 | 2 | 103 | 0 | 47 | 0 | 45.6 | 28 | 20 |
| 120 | Hazleton..... | 2 | 72 | 1 | 1 | 2 | 103 | 0 | 34 | 0 | 44.7 | 28 | 139 |
| 121 | Lancaster..... | 2 | 72 | 1 | 1 | 2 | 103 | 0 | 34 | 0 | 44.7 | 28 | 139 |
| 122 | Manayunk..... | 3 | 80 | 2 | 0 | 2 | 114 | 64 | 59 | 34 | 72.8 | 106 | 200 |
| 123 | Nanticoke..... | 3 | 80 | 2 | 0 | 2 | 114 | 64 | 59 | 34 | 72.8 | 106 | 200 |
| 124 | New Brighton..... | 3 | 80 | 2 | 0 | 2 | 114 | 64 | 59 | 34 | 72.8 | 106 | 200 |
| 125 | Philadelphia..... | 53 | 60 | (355) | 55 | 331 | (16, 977) | 16, 977 | 182 | 0 | 54.5 | 279 | 369 |
| 126 | Pittsburgh..... | 63 | 60 | (355) | 55 | 331 | (16, 977) | 16, 977 | 182 | 0 | 54.5 | 279 | 369 |
| 127 | Pittston..... | 6 | 60 | 0 | 6 | 6 | 200 | 1, 800 | 9 | 31 | 57.9 | | 38, 083 |
| 128 | Plymouth..... | 6 | 60 | 0 | 6 | 6 | 200 | 1, 800 | 9 | 31 | 57.9 | | 38, 083 |
| 129 | Pottsville..... | 6 | 60 | 0 | 6 | 6 | 200 | 1, 800 | 9 | 31 | 57.9 | | 38, 083 |
| 130 | Seranton..... | 25 | 80 | 8 | 1 | 2 | 60 | 70 | 108 | 0 | 54.0 | 108 | 340 |
| 131 | Shenandoah..... | 5 | 62 | 3 | 2 | 5 | 314 | 314 | 30 | 70 | 81.6 | | 379 |
| RHODE ISLAND. | | | | | | | | | | | | | |
| 132 | Bristol..... | 1 | 76 | 2 | 3 | 5 | 77 | 105 | (58) | 58 | 55.2 | | |
| 133 | Central Falls..... | 1 | 60 | 0 | 6 | 6 | 100 | 131 | 25 | 35 | 26.7 | 25 | 543 |
| 134 | Newport..... | 1 | 60 | 0 | 6 | 6 | 37 | 91 | (39) | 39 | 42.9 | 15 | 35 |
| 135 | Pawtucket..... | 4 | 94 | 17 | 9 | 26 | 417 | 552 | (166) | 166 | 30.1 | 265 | 83 |
| 136 | Providence..... | 11 | 190 | 82 | 99 | 131 | 2, 132 | 998 | (1, 056) | 1, 056 | 33.5 | | 2, 134 |
| 137 | Woonsocket..... | 5 | 50 | 7 | 16 | 23 | 280 | 438 | (142) | 142 | 32.4 | | 15, 864 |
| SOUTH CAROLINA. | | | | | | | | | | | | | |
| 138 | Charleston..... | 1 | 56 | 3 | 0 | 3 | 207 | 207 | 56 | 0 | 27.1 | 134 | 49 |

c For mechanical drawing.

b Three months.

a Three schools were in session 120 evenings.

* Statistics of 1887-88.

TABLE 17.—Statistics of teachers, enrollment, attendance, and expenditures of evening schools in cities containing over 4,000 inhabitants—Continued.

| City. | Number of such schools. | Number of evenings the schools were actually in session. | Number of teachers. | | | Number of different pupils enrolled. | | | Average daily attendance. | | | Ratio of average daily attendance to total enrollment. | Attendance first evening of term. | Attendance last evening of term. | Total expenditure for evening schools. |
|----------------|-------------------------|----------------------------------------------------------|---------------------|----|----|--------------------------------------|-----|-------|---------------------------|-----|-----|--------------------------------------------------------|-----------------------------------|----------------------------------|----------------------------------------|
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| VERMONT. | | | | | | | | | | | | | | | |
| 139 Burlington | 2 | 40 | 2 | 0 | 2 | | | 80 | | | 32 | 40.0 | | | \$300 |
| 140 Rutland | 1 | 40 | 2 | 4 | 6 | | | | (32) | | | | | | |
| VIRGINIA. | | | | | | | | | | | | | | | |
| 141 Norfolk | 4 | 40 | 2 | 0 | 2 | (167) | 0 | 167 | 39 | 0 | 39 | 43.8 | 35 | 19 | 14 |
| 142 Portsmouth | 2 | 40 | 3 | 7 | 10 | 279 | 0 | 279 | 88 | 0 | 88 | 31.5 | | | 0 |
| 143 Richmond | 7 | | | | | | | | | | | | | | |
| WISCONSIN. | | | | | | | | | | | | | | | |
| 144 Madison | 1 | | 4 | 0 | 4 | 48 | 0 | 48 | 38 | 0 | 38 | 70.2 | | | |
| 145 Marinette* | 1 | | 50 | 16 | 66 | 2,038 | 450 | 2,488 | 686 | 200 | 886 | | 1,000 | 600 | 9,693 |
| 146 Milwaukee | 41 | 657 | 3 | 1 | 0 | 33 | 0 | 33 | 48 | 0 | 48 | | 22 | 12 | 0 |
| 147 Sheboygan | 1 | 45 | 3 | 0 | 3 | 65 | 0 | 65 | 48 | 0 | 48 | 73.8 | | | |
| 148 Watertown* | 1 | | 0 | 2 | 2 | 92 | 14 | 106 | 75 | 7 | 82 | 77.3 | 74 | 63 | |
| 149 Wausau | 2 | 60 | 0 | 2 | 2 | 13 | 2 | 15 | 5 | 1 | 6 | 40.0 | 10 | 5 | |
| 150 Whitewater | 1 | 75 | 0 | 1 | 1 | | | | | | | | | | |

* Statistics of 1887, 88.

a Schools for women were in session 37 nights.

TABLE 18.—Statistics for 1888-89 of property and receipts of public

| | City. | Total taxable property in the city. | | Estimated actual value of public property used for school purposes. | | | | |
|---------------------|------------------------------|-------------------------------------|--------------------------------------|---------------------------------------------------------------------|---------------------------|--------------|------------------------------|-----------|
| | | Assessed value. | Cash value, based on the assessment. | Grounds. | Build- ings and fixtures. | Furni- ture. | Libra- ries and apparat- us. | Total. |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| ALABAMA. | | | | | | | | |
| 1 | Birmingham..... | \$18,000,000 | \$30,000,000 | \$53,000 | \$30,000 | \$6,000 | \$1,000 | \$140,000 |
| 2 | Eufaula *..... | 1,361,934 | 1,500,000 | 300 | 1,200 | 400 | 0 | 1,900 |
| 3 | Huntsville..... | | | | | | | 8,000 |
| 4 | Lively *..... | 250,000 | 500,000 | 250 | 1,200 | 50 | | 1,500 |
| 5 | Mobile..... | | | | 75,000 | 20,000 | 3,000 | 98,000 |
| 6 | Montgomery..... | 9,500,000 | 14,250,000 | | | | | 50,000 |
| 7 | Selma *..... | | | | | | | |
| 8 | Tuscaloosa..... | 2,500,000 | 3,500,000 | 5,000 | 18,500 | 1,500 | | 25,000 |
| ARIZONA. | | | | | | | | |
| 9 | Tucson *..... | | | (68,200) | | | 225 | 68,425 |
| ARKANSAS. | | | | | | | | |
| 10 | Fort Smith..... | 4,000,000 | 8,000,000 | 63,000 | 120,000 | 15,000 | 2,000 | 200,000 |
| 11 | Helena *..... | 1,250,000 | 3,000,000 | 3,000 | 27,000 | 3,000 | 200 | 33,200 |
| 12 | Little Rock..... | 10,715,139 | 17,858,565 | 85,600 | 76,100 | 7,500 | 500 | 169,700 |
| 13 | Pine Bluff *..... | | | 8,500 | 12,000 | 2,000 | 500 | 23,000 |
| 14 | Tuxarkana *..... | | 1,500,000 | 2,000 | 12,000 | 5,000 | 3,000 | 22,000 |
| CALIFORNIA. | | | | | | | | |
| 15 | Chico..... | 1,569,056 | 2,413,932 | 10,000 | 50,000 | 5,000 | 2,000 | 67,000 |
| 16 | Eureka..... | 4,500,000 | 6,750,000 | 60,000 | 25,000 | 5,000 | 1,000 | 91,000 |
| 17 | Los Angeles..... | 40,000,000 | 133,000,000 | 251,850 | 183,630 | 21,800 | 4,000 | 461,230 |
| 18 | Marysville..... | 3,080,315 | 4,107,087 | 4,000 | 20,000 | 2,000 | 1,500 | 27,500 |
| 19 | Oakland..... | 35,776,980 | 35,776,980 | | | | | 418,056 |
| 20 | Pasadena..... | | | 30,000 | 100,000 | 10,000 | 10,000 | 150,000 |
| 21 | Riverside..... | | | | | | | |
| 22 | Sacramento..... | 13,000,000 | 17,333,333 | 125,000 | 105,000 | 20,000 | 2,000 | 252,000 |
| 23 | San Francisco..... | 273,389,616 | 273,389,616 | 3,221,900 | 1,310,300 | 210,000 | 29,980 | 4,772,180 |
| 24 | San José..... | 16,577,131 | 16,577,131 | 111,100 | 107,000 | 16,200 | | 234,300 |
| 25 | Santa Cruz..... | 3,041,000 | 5,068,333 | 10,000 | 32,000 | 8,600 | 1,000 | 51,000 |
| 26 | Santa Rosa..... | 3,500,000 | 5,833,333 | 10,000 | 20,500 | 4,750 | 200 | 35,450 |
| 27 | Vallejo..... | | | 3,000 | 32,274 | 2,500 | 2,726 | 40,500 |
| 28 | Woodland..... | 3,374,832 | 3,374,832 | | | | | 40,500 |
| COLORADO. | | | | | | | | |
| 29 | Aspen..... | 1,960,088 | 1,960,088 | 2,500 | 14,500 | 2,500 | 100 | 19,600 |
| 30 | Colorado Springs..... | 4,150,000 | 4,150,000 | 5,000 | 125,000 | 1,000 | 3,000 | 134,000 |
| 31 | Denver (District No. 1)..... | | | | | | | |
| 32 | Leadville..... | 2,986,457 | 5,972,914 | 10,000 | 115,000 | 5,000 | 1,500 | 131,500 |
| 33 | Pueblo (District No. 1)..... | 6,534,331 | 19,602,993 | c33,000 | c91,000 | c4,000 | c400 | c128,400 |
| CONNECTICUT. | | | | | | | | |
| 34 | Bridgeport..... | 16,759,389 | 16,759,389 | | | | | c310,000 |
| 35 | Bristol..... | c2,300,000 | c3,500,000 | (c48,000) | | c5,000 | c1,000 | c54,000 |
| 36 | Hartford..... | 48,541,890 | 48,541,890 | (1,113,500) | | | | |
| 37 | Meriden..... | | | 55,665 | 242,841 | 19,300 | | 317,806 |
| 38 | Middletown..... | c4,500,000 | c4,500,000 | | | | | c80,000 |
| 39 | New Britain..... | 7,000,000 | 7,000,000 | | | | | 255,000 |
| 40 | New Haven..... | 49,311,745 | 65,748,993 | | | | | 900,000 |
| 41 | New London..... | 7,500,000 | 12,000,000 | | | | | |
| 42 | Norwich..... | | | 25,000 | 130,000 | 10,000 | 2,000 | 167,000 |
| 43 | Rockville..... | 2,000,000 | 4,000,000 | 10,000 | 60,000 | 5,000 | 2,000 | 77,000 |
| 44 | South Norwalk..... | | | 5,000 | 30,000 | 3,000 | 1,400 | 39,400 |
| 45 | Stamford..... | | | | | | | |
| 46 | Thompsonville..... | | | | | | | |
| 47 | Willimantic..... | 3,700,000 | 6,166,667 | 10,000 | 50,000 | | 1,000 | 61,000 |

* Statistics of 1887-88.

a Balance of State appropriation returned to State treasury.

b Amount received from county taxes is included in column 9.

c In 1887-88.

schools of cities and villages containing over 4,000 inhabitants.

| Receipts for the school year 1888-89. | | | | | | Receipts from loans and bond sales. | Balance on hand from last school year (1887-88). | Total sum available for use during the year. | |
|---------------------------------------|------------------------------------|------------------------------|--------------------|-------------------------|----------|-------------------------------------|--------------------------------------------------|----------------------------------------------|----|
| From State apportionment or taxes. | From city appropriations or taxes. | From county and other taxes. | From tuition fees. | From all other sources. | Total. | | | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| \$2,381 | \$81,468 | \$2,872 | \$3,084 | \$590 | \$90,395 | 0 | 0 | \$90,395 | 1 |
| 1,556 | 1,700 | | | | 3,256 | 0 | 0 | 3,256 | 2 |
| 902 | 250 | 175 | | 706 | 2,033 | | \$141 | 2,174 | 3 |
| 3,674 | 14,000 | 800 | 2,736 | | 21,210 | 0 | 300 | 21,510 | 4 |
| 1,818 | 6,615 | | 402 | | 8,835 | | \$1,830 | 10,665 | 5 |
| 1,378 | 2,903 | 402 | 1,836 | 272 | 6,791 | \$18,635 | 15 | 25,441 | 6 |
| | (15,054) | | | 280 | 15,334 | | | | 7 |
| | | | | | | | | | 8 |
| 2,670 | 0 | 0 | 88 | 15,817 | 18,575 | 0 | 26,151 | 44,726 | 9 |
| 1,378 | 4,950 | 0 | 0 | 0 | 6,328 | | 0 | 6,328 | 10 |
| 8,538 | | (10,563) | | | 19,101 | 0 | 30,117 | 49,218 | 11 |
| 1,200 | | 9,000 | | | 10,200 | | 0 | | 12 |
| 3,000 | 5,000 | 3,500 | 200 | | 11,700 | | 0 | 11,700 | 13 |
| | | | | | | | | | 14 |
| 7,820 | | 5,965 | | 21 | 13,806 | 0 | 448 | 14,254 | 15 |
| 12,155 | | 6,200 | | | 18,355 | 36,950 | 3,126 | 58,481 | 16 |
| 93,119 | 77,054 | 47,041 | 537 | 0 | 217,750 | 0 | 13,470 | 231,220 | 17 |
| 5,521 | 5,470 | 2,821 | | | 13,812 | 0 | 1,320 | 15,132 | 18 |
| 101,659 | 74,569 | 40,819 | 1,801 | 24,811 | 243,659 | 0 | 12,628 | 256,287 | 19 |
| | | | | | | | | | 20 |
| 48,502 | 33,541 | 0 | 337 | 30 | 82,410 | 0 | | 82,410 | 21 |
| 558,495 | (359,313) | | 562 | 4,587 | 922,957 | | 3,309 | 926,266 | 22 |
| 38,045 | 33,500 | 15,120 | 294 | 6 | | 0 | 19,760 | 106,725 | 23 |
| 12,068 | 8,258 | 7,296 | 112 | 48 | 27,782 | 0 | 436 | 28,218 | 24 |
| 10,352 | 8,845 | 4,323 | 97 | 0 | 23,617 | 0 | 2,730 | 26,347 | 25 |
| 13,246 | | 7,521 | | | 20,767 | 0 | 4,643 | 25,410 | 26 |
| 7,369 | | 4,499 | | 65 | 18,308 | | 225 | 18,531 | 27 |
| | | | | | | | | | 28 |
| 64,819 | 11,992 | (b) | 0 | 2,648 | 19,489 | | 3,067 | | 29 |
| 9,571 | 30,021 | | | 122 | 39,714 | 4,685 | 3,810 | 48,209 | 30 |
| | (267,215) | | 0 | 1,334 | 268,549 | 0 | 147,550 | 416,098 | 31 |
| 4,000 | | 34,440 | | 700 | 39,140 | 0 | 0 | 39,140 | 32 |
| | | 32,186 | | 13,718 | | 12,139 | 6,051 | | 33 |
| | | | | | | | | | |
| (94,049) | | | | | 94,049 | 0 | 0 | 94,049 | 34 |
| 1,968 | 14,000 | | 32 | | 13,000 | 0 | | 13,000 | 35 |
| 22,464 | 656,678 | | | 48,929 | 228,071 | 10,750 | | 233,821 | 36 |
| 68 | 654,360 | 76,947 | | 906 | 62,281 | 0 | 0 | 62,281 | 37 |
| 3,560 | 11,018 | 6,146 | 1,288 | 171 | 22,183 | 8,000 | 2,921 | 33,104 | 38 |
| | | | | | | | | | 39 |
| 40,813 | 48,402 | 153,620 | 2,081 | 3,171 | 248,086 | 115,900 | 19,566 | 383,551 | 40 |
| 5,937 | 43,500 | 0 | 0 | 562 | 49,999 | 22,680 | 0 | 72,679 | 41 |
| 3,406 | 28,760 | | 910 | 55 | 33,131 | | 1,824 | | 42 |
| 4,187 | 14,577 | 179 | 0 | 0 | 18,943 | 0 | 0 | 18,943 | 43 |
| | 5,841 | 11,810 | 254 | 464 | | 4,000 | 2,881 | | 44 |
| | | | | | | | | | 45 |
| 2,576 | 48,469 | 73,068 | | 557 | 9,670 | 0 | 0 | 9,670 | 46 |
| | 9,326 | 2,648 | (1,666) | | 13,640 | 0 | 0 | 13,640 | 47 |

d Includes town and district taxes.

e Town appropriations.

f District taxes.

TABLE 18.—Statistics for 1888-89 of property and receipts of public

| | Total taxable property in the city. | | Estimated actual value of public property used for school purposes. | | | | |
|----------------------------------|-------------------------------------|-------------------------------------|---------------------------------------------------------------------|-------------------------|------------|--------------------------|-----------|
| City. | Assessed value. | Cash value based on the assessment. | Grounds. | Buildings and fixtures. | Furniture. | Libraries and apparatus. | Total. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| DAKOTA. | | | | | | | |
| 48 Deadwood..... | \$979,590 | \$1,959,180 | | | | | |
| 49 Fargo*..... | 2,931,619 | 6,000,000 | \$24,200 | \$117,200 | \$3,000 | \$200 | \$146,600 |
| 50 Grand Forks..... | 1,561,145 | 4,683,435 | 20,000 | 45,000 | 5,000 | | 70,000 |
| 51 Sioux Falls..... | | | | | | | |
| 52 Yankton..... | 1,750,000 | | 6,000 | 35,000 | 5,000 | 1,000 | 47,000 |
| DELAWARE. | | | | | | | |
| 53 New Castle..... | 1,475,299 | 2,212,949 | | 13,000 | 2,000 | | |
| 54 Wilmington..... | 33,210,200 | 33,210,200 | | | | | 425,000 |
| DIST. OF COLUMBIA. | | | | | | | |
| 55 Washington (white schools). | 127,214,025 | 190,821,038 | | | | | |
| 56 Washington (colored schools). | | | | | | | |
| FLORIDA. | | | | | | | |
| 57 Palatka..... | 1,100,000 | 3,300,000 | 2,000 | 150 | 50 | | 2,200 |
| 58 Pensacola..... | 2,635,384 | 6,713,460 | 4,800 | 15,500 | 2,350 | 300 | 22,950 |
| 59 Tampa..... | | | 3,000 | 7,000 | 800 | 200 | 11,000 |
| GEORGIA. | | | | | | | |
| 60 Americus..... | 2,400,000 | 3,000,000 | 25,000 | 15,000 | 1,200 | | 41,200 |
| 61 Athens..... | 4,550,000 | 4,550,000 | 5,000 | 30,000 | 2,500 | 3,000 | 40,500 |
| 62 Atlanta..... | 32,000,000 | 42,666,667 | 87,700 | 172,250 | 16,100 | 1,500 | 277,550 |
| 63 Augusta..... | 19,000,000 | 236,000,000 | 1,600 | 40,000 | 10,000 | 1,000 | 52,600 |
| 64 Columbus..... | 7,142,350 | 7,142,350 | 50,000 | 55,700 | 20,000 | | |
| 65 Griffin*..... | | | | | | | |
| 66 Macon..... | 11,300,423 | 15,067,231 | 28,500 | 65,000 | 5,000 | 350 | 98,850 |
| 67 Rome*..... | | | | 13,500 | 1,800 | 564 | 15,864 |
| 68 Savannah..... | | | 175,000 | 200,000 | 20,000 | 500 | 395,500 |
| IDAHO. | | | | | | | |
| 69 Boise City..... | | | | 100,000 | | | |
| ILLINOIS. | | | | | | | |
| 70 Aurora*..... | 3,572,489 | 9,500,000 | | (145,000) | | 2,940 | 147,940 |
| 71 Beardstown..... | 525,000 | 1,312,500 | 6,000 | 30,000 | 2,000 | 300 | 38,300 |
| 72 Belleville..... | 2,400,000 | 6,000,000 | 40,000 | 106,600 | 5,000 | 3,000 | 154,600 |
| 73 Belvidere..... | 2800,000 | 22,400,000 | 2,000 | 34,000 | | 580 | 36,580 |
| 74 Bloomington..... | 11,000,000 | 33,000,000 | | | | 1,900 | 312,000 |
| 75 Braidwood..... | | | | (24,000) | | 270 | 24,270 |
| 76 Cairo..... | 1,723,943 | 5,171,829 | 14,000 | 48,000 | 2,000 | 1,000 | 65,000 |
| 77 Canton..... | 841,726 | 2,525,178 | (54,043) | | 10,594 | 1,488 | 66,125 |
| 78 Carlinville..... | | | 1,250 | 40,000 | 3,500 | 250 | 45,000 |
| 79 Centralia..... | 685,000 | 1,955,000 | 1,500 | 22,000 | 1,700 | 75 | 25,275 |
| 80 Champaign (west side). | | | | | | | |
| 81 Chicago..... | 168,135,831 | 672,543,324 | 1,500,000 | 4,250,000 | 220,000 | 25,000 | 5,995,000 |
| 82 Danville*..... | 2,000,000 | 6,000,000 | | | | | |
| 83 Decatur..... | 2,336,553 | 7,009,659 | 55,000 | 120,000 | 4,000 | 3,000 | 182,000 |
| 84 Effingham*..... | 1,200,000 | 2,000,000 | 1,000 | 25,000 | 3,000 | 250 | 29,250 |
| 85 Elgin*..... | 2,651,286 | 7,553,858 | 46,900 | 77,000 | 7,450 | 2,500 | 156,350 |
| 86 Evanston..... | 1,295,803 | 7,774,818 | 20,000 | 60,000 | 3,800 | 200 | 84,000 |
| 87 Freeport..... | 1,679,680 | 5,878,880 | 10,700 | (75,682) | | 844 | 87,226 |
| 88 Galena..... | 487,601 | 2,438,005 | 1,500 | 30,000 | 4,000 | 1,750 | 37,250 |
| 89 Galesburgh..... | 2,500,000 | 7,500,000 | 20,000 | 130,000 | 10,000 | 1,000 | 161,000 |
| 90 Geneseo..... | | | | | | | |

* Statistics of 1887-88.

a Other buildings used for public schools are not public property.

b The accounts of the city and county schools are kept together, and it is impossible to make a financial statement for the city alone.

c In 1887-88.

schools of cities and villages containing over 4,000 inhabitants—Continued.

| Receipts for the school year 1888-89. | | | | | | Receipts from loans and bond sales. | Balance on hand from last school year (1887-88). | Total sum available for use during the year. | |
|---------------------------------------|------------------------------------|------------------------------|--------------------|-------------------------|-----------|-------------------------------------|--------------------------------------------------|----------------------------------------------|----|
| From State apportionment or taxes. | From city appropriations or taxes. | From county and other taxes. | From tuition fees. | From all other sources. | Total. | | | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| | \$7,434 | \$1,131 | | \$100 | \$8,675 | | | | 48 |
| \$6,906 | 11,535 | 0 | \$365 | 2,312 | 20,918 | 0 | \$29,013 | \$49,931 | 49 |
| 1,826 | 15,749 | | | | 17,575 | \$6,234 | | 23,809 | 50 |
| | 20,061 | 3,096 | | | 23,157 | | 6,867 | 30,024 | 51 |
| | | | | | | | | | 52 |
| 891 | 4,500 | 0 | 0 | 319 | 5,710 | 0 | 34 | 5,744 | 53 |
| 9,765 | 128,850 | 688 | 0 | 340 | 139,643 | 0 | 21,382 | 161,025 | 54 |
| | | | | | | | | | |
| 334,176 | 334,177 | 0 | 0 | 0 | 668,353 | 0 | 0 | 668,353 | 55 |
| 140,666 | 140,666 | 0 | 0 | 0 | 281,332 | 0 | 0 | 281,332 | 56 |
| | | | | | (b) | | | (b) | 57 |
| | | | | | (b) | | | 13,100 | 58 |
| | | | | | (b) | | | (b) | 59 |
| | | | | | | | | | |
| 752 | 8,090 | 402 | 505 | | 9,749 | 0 | 872 | 10,621 | 60 |
| 2,354 | 14,963 | | 99 | 40 | 17,456 | 0 | 0 | 17,456 | 61 |
| 7,538 | 113,165 | 3,157 | 0 | 0 | 123,860 | 0 | 0 | 123,860 | 62 |
| 11,090 | (40,000) | | 2,000 | 0 | 53,090 | 0 | 0 | 53,090 | 63 |
| | 17,038 | | 2,718 | 2,600 | 23,391 | 0 | | 23,391 | 64 |
| 886 | | | | | 5,909 | | | 5,909 | 65 |
| | | | | | (b) | | | (b) | 66 |
| 1,593 | | | | | 10,705 | 0 | 0 | 10,705 | 67 |
| 7,769 | 54,000 | 6,399 | 5,157 | | 73,325 | 0 | 393 | 73,718 | 68 |
| | | | | | | | | | |
| | 9,955 | 3,770 | (215) | | 13,940 | 1,134 | 441 | 15,515 | 69 |
| | | | | | | | | | |
| 2,723 | 26,613 | 32,860 | | 31 | 52,227 | | 4,575 | 56,802 | 70 |
| 991 | 12,360 | | 102 | 1,514 | 14,957 | 998 | 55 | 16,020 | 71 |
| 4,514 | 39,602 | 0 | 376 | 192 | 44,684 | 0 | 2,084 | 46,768 | 72 |
| 641 | | 9,671 | 494 | 106 | 10,640 | 0 | 6,821 | 17,461 | 73 |
| 6,598 | 56,723 | | 229 | 5,532 | 69,083 | 0 | 7,293 | 76,376 | 74 |
| 1,500 | | | | | 10,000 | 3,500 | 2,443 | 15,943 | 75 |
| 2,375 | | 14,652 | | | 17,327 | 12,000 | 812 | 30,139 | 76 |
| 1,329 | 14,197 | | 157 | 30 | 15,713 | 25,000 | 2,950 | 43,663 | 77 |
| 1,100 | 8,500 | | 185 | | 9,785 | 0 | 1,000 | 10,785 | 78 |
| 1,314 | 10,071 | 470 | 208 | 7 | 12,070 | | 768 | 12,838 | 79 |
| 1,122 | 9,323 | 0 | 238 | 0 | 10,683 | 0 | 3,955 | 14,638 | 80 |
| | | | | | | | | | |
| 136,313 | 2,118,550 | | 1,275 | 570,806 | 2,826,944 | | | | 81 |
| | (50,167) | | 36 | | 50,203 | 12,240 | 16,811 | 79,253 | 82 |
| 4,365 | 35,689 | 0 | | 144 | 40,448 | 0 | 13,894 | 54,342 | 83 |
| 800 | 6,000 | 100 | 75 | | 6,975 | | 2,100 | 9,075 | 84 |
| | | | | | | | | | 85 |
| 904 | 29,143 | | 156 | 300 | 30,508 | 30,632 | 18,489 | 79,629 | 86 |
| 3,110 | 24,280 | 194 | 133 | 8 | 27,725 | 0 | 2,823 | 30,548 | 87 |
| 2,046 | 11,731 | 0 | 203 | 3,078 | 17,058 | 0 | 5,534 | 22,592 | 88 |
| 4,525 | 25,000 | | 71 | 461 | 30,057 | 0 | 17,651 | 47,708 | 89 |
| | | | 17 | | | | | | 90 |

*d Estimated.

e Of this amount \$512,036 was derived from rental of land belonging to the city school fund, and \$45,800 was received as interest on principal of city school fund.

TABLE 18.—Statistics for 1888-89 of property and receipts of public

| City. | Total taxable property in the city. | | Estimated actual value of public property used for school purposes. | | | | |
|---------------------------|-------------------------------------|--------------------------------------|---------------------------------------------------------------------|-------------------------|------------|--------------------------|-----------|
| | Assessed value. | Cash value, based on the assessment. | Grounds. | Buildings and fixtures. | Furniture. | Libraries and apparatus. | Total. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| ILLINOIS—cont'd. | | | | | | | |
| 91 Jacksonville | \$1,795,068 | \$7,180,272 | | | | | \$150,000 |
| 92 Joliet..... | 2,595,024 | 15,570,144 | | \$160,000 | | \$800 | 160,800 |
| 93 Kankakee..... | 679,203 | 3,396,015 | \$13,500 | 57,000 | \$5,000 | 800 | 76,300 |
| 94 La Salle*..... | 695,821 | | 6,000 | 25,000 | 2,000 | 300 | 33,300 |
| 95 Lincoln..... | 1,000,000 | | 5,000 | 50,000 | 3,100 | 500 | 58,600 |
| 96 Litchfield..... | 552,776 | 1,653,328 | 2,000 | 48,000 | 2,500 | 500 | 53,000 |
| 97 Mendota..... | | | 1,000 | 60,000 | 2,750 | | 63,750 |
| 98 Moline..... | 1,650,000 | 4,950,000 | 20,000 | 100,000 | 4,000 | 2,000 | 126,000 |
| 99 Monmouth*..... | | | 12,750 | 50,000 | 2,500 | 150 | 65,400 |
| 100 Olney..... | 413,702 | 1,238,105 | 2,500 | 37,500 | 2,000 | 500 | 42,500 |
| 101 Ottawa..... | 1,209,208 | 4,836,832 | | (50,000) | | 350 | 50,350 |
| 102 Paris..... | 1,500,000 | 4,500,000 | 10,000 | 51,000 | 2,000 | 1,000 | 64,000 |
| 103 Pekin*..... | 868,989 | 3,479,956 | 6,000 | 70,000 | 3,000 | 250 | 79,250 |
| 104 Peoria..... | 7,749,346 | 30,997,384 | 75,000 | 275,000 | 40,000 | 10,000 | 400,000 |
| 105 Peru..... | 732,801 | 2,198,403 | 6,500 | 16,000 | 1,500 | 500 | 24,500 |
| 106 Pullman..... | | 13,000,000 | 00 | 00 | | 500 | 500 |
| 107 Quincy..... | 4,544,490 | 22,722,450 | 70,000 | 110,000 | 10,000 | 1,650 | 191,650 |
| 108 Rock Island..... | 2,333,290 | 6,999,870 | 28,000 | 75,000 | 5,000 | 1,500 | 109,500 |
| 109 Rockford..... | 4,416,964 | 13,340,392 | 13,986 | 15,500 | 9,448 | 2,520 | 41,454 |
| 110 Springfield..... | 5,323,947 | 15,971,841 | 50,000 | 175,000 | 7,500 | 3,000 | 235,500 |
| 111 Sterling..... | 1,200,000 | 3,600,000 | 4,000 | 50,000 | 2,500 | 1,000 | 57,500 |
| 112 Sreator..... | 1,125,000 | 3,375,000 | 10,000 | 30,000 | 5,000 | 500 | 45,500 |
| INDIANA. | | | | | | | |
| 113 Anderson..... | 1,245,680 | 3,737,040 | 14,000 | 15,000 | 1,000 | 250 | 30,250 |
| 114 Aurora..... | | | 7,000 | 28,000 | | | 35,000 |
| 115 Brazil..... | | | 7,000 | 35,000 | 4,000 | 500 | 46,500 |
| 116 Columbus..... | 3,394,410 | 4,788,820 | 15,000 | 55,000 | 2,000 | 1,000 | 73,000 |
| 117 Crawfordsville*..... | | | | (115,000) | | 1,000 | 116,000 |
| 118 Elkhart..... | 2,367,245 | 7,101,735 | 39,500 | 102,500 | 3,500 | 4,500 | 150,000 |
| 119 Evansville..... | 520,825,708 | 532,000,000 | 90,750 | 296,518 | 17,142 | 4,414 | 408,824 |
| 120 Fort Wayne..... | 13,189,435 | 13,189,435 | 64,050 | 165,000 | 13,460 | 8,500 | 251,010 |
| 121 Frankfort*..... | | | | (80,000) | | 500 | 60,500 |
| 122 Goshen..... | 52,000,000 | 52,000,000 | 12,000 | 50,000 | 4,500 | 1,500 | 68,000 |
| 123 Greencastle..... | 2,299,056 | 3,065,408 | 10,000 | 70,000 | 1,500 | 2,150 | 83,650 |
| 124 Indianapolis..... | 50,538,210 | 101,076,420 | 217,800 | 552,000 | 90,000 | 25,000 | 894,200 |
| 125 Jeffersonville..... | 2,600,000 | 63,500,000 | 8,000 | 60,600 | 4,000 | 200 | 72,800 |
| 126 Kokomo..... | 2,082,230 | 4,164,460 | 13,000 | 40,000 | 2,000 | 3,000 | 58,000 |
| 127 La Fayette*..... | | | | (195,000) | | 15,000 | 210,000 |
| 128 La Porte*..... | | 3,000,000 | 11,000 | 50,000 | 5,000 | 8,000 | 74,000 |
| 129 Lawrenceburgh..... | 1,300,000 | 2,600,000 | 4,000 | 10,000 | 1,000 | 300 | 15,300 |
| 130 Logansport..... | 3,850,265 | 11,550,795 | 70,000 | 68,000 | 500 | 200 | 138,700 |
| 131 Madison*..... | | | | (80,000) | | 500 | 80,500 |
| 132 Michigan City*..... | 2,259,764 | 4,650,891 | 13,500 | 35,000 | 6,000 | 1,000 | 55,500 |
| 133 Mount Vernon*..... | | | 10,000 | 28,000 | 5,000 | | 43,000 |
| 134 Muncie..... | 2,324,945 | 24,000,000 | 100,000 | 80,000 | 9,000 | 550 | 139,550 |
| 135 New Albany*..... | 8,700,060 | 14,000,000 | | (167,000) | | 200 | 167,200 |
| 136 Peru..... | 1,566,580 | 4,699,740 | 8,500 | 38,000 | 2,000 | 1,000 | 49,500 |
| 137 Richmond..... | 9,284,674 | 13,927,011 | 70,000 | 155,000 | 5,000 | 5,000 | 235,000 |
| 138 Seymour..... | 1,250,000 | 2,500,000 | 8,000 | 40,000 | 3,000 | 500 | 51,500 |
| 139 Shelbyville*..... | 2,184,840 | 4,200,000 | 4,000 | 30,000 | 1,500 | 500 | 36,000 |
| 140 South Bend..... | 6,000,000 | 15,000,000 | 50,000 | 102,500 | 5,500 | 2,000 | 160,000 |
| 141 Terre Haute..... | 14,553,674 | 21,830,511 | | (203,172) | | 2,500 | 265,672 |
| 142 Valparaiso..... | 1,582,095 | 3,164,190 | 4,000 | 44,000 | 2,000 | 1,000 | 51,000 |
| 143 Vincennes..... | 4,240,000 | 8,480,000 | 10,000 | 35,000 | 2,000 | 1,500 | 48,500 |
| 144 Washington..... | | | 10,000 | 40,000 | 2,000 | 600 | 52,600 |
| IOWA. | | | | | | | |
| 145 Atlantic..... | 785,230 | 1,963,075 | 3,000 | 45,000 | 2,500 | 200 | 50,700 |
| 146 Boone*..... | | | 20,000 | 50,000 | 600 | 1,000 | 71,600 |
| 147 Burlington..... | 5,000,000 | 16,666,667 | | | | | 150,000 |
| 148 Cedar Rapids..... | | | | | | | |
| 149 Clinton..... | | | | | | | |
| 150 Council Bluffs..... | 6,198,264 | 20,660,880 | 110,800 | 215,800 | 21,700 | 1,300 | 349,600 |
| 151 Creston..... | 1,000,000 | 2,500,000 | 10,000 | 90,000 | 2,500 | 1,000 | 103,500 |
| 152 Davenport..... | 4,462,865 | 17,851,460 | 65,000 | 215,000 | 23,000 | 2,000 | 310,000 |
| 153 Des Moines, East..... | 2,960,800 | 5,921,600 | 33,800 | 157,600 | 11,400 | 1,000 | 203,800 |
| 154 Des Moines, West..... | 8,464,780 | 16,929,560 | 83,000 | 286,000 | 15,000 | 3,000 | 387,000 |

* Statistics of 1887-88.

a Buildings are rented.

b In 1887-88.

schools of cities and villages containing over 4,000 inhabitants—Continued.

| Receipts for the school year 1888-89. | | | | | | Receipts from loans and bond sales. | Balance on hand from last school year (1887-88). | Total sum available for use during the year. | |
|---------------------------------------|------------------------------------|------------------------------|--------------------|-------------------------|----------|-------------------------------------|--------------------------------------------------|----------------------------------------------|-----|
| From State apportionment or taxes. | From city appropriations or taxes. | From county and other taxes. | From tuition fees. | From all other sources. | Total. | | | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| \$3,189 | \$22,000 | \$5 | \$165 | \$473 | \$25,832 | 0 | \$25,131 | \$50,963 | 91 |
| 6,000 | 58,932 | | 609 | 180 | 65,721 | 0 | 3,694 | 69,415 | 92 |
| 2,366 | 12,304 | 0 | 474 | 291 | 15,435 | \$3,359 | 3,447 | 22,241 | 93 |
| 3,000 | (10,000) | | 0 | 0 | 13,000 | 0 | 6,000 | 19,000 | 94 |
| 2,300 | 14,455 | | 100 | 150 | 17,005 | | 5,009 | 22,560 | 95 |
| 1,698 | 10,067 | | 266 | 472 | 12,503 | 16,800 | 1,573 | 30,876 | 96 |
| 1,553 | | 9,308 | 225 | 208 | 11,294 | 3,700 | 11,798 | 26,792 | 97 |
| 2,178 | | 35,566 | 338 | 1,723 | 39,806 | 0 | 0 | 39,805 | 98 |
| 1,365 | | 17,656 | | 1,117 | 20,137 | 51,179 | 3,254 | 74,570 | 99 |
| 1,039 | 6,814 | | 174 | 54 | 8,081 | | 2,613 | 10,694 | 100 |
| 2,171 | 16,226 | 5,548 | 126 | 15 | 24,186 | 0 | 14,786 | 38,872 | 101 |
| | | | | | | | | | 102 |
| 2,035 | 14,611 | | 52 | 25 | 16,723 | | 15,278 | 32,001 | 103 |
| 10,032 | 99,839 | | | 3,802 | 113,673 | 41,000 | 2,163 | 156,836 | 104 |
| 1,573 | (10,500) | | 225 | 176 | 12,474 | 1,500 | | | 105 |
| 1,540 | | 25,910 | | | 27,450 | | 589 | 28,039 | 106 |
| 9,415 | 37,982 | | | 125 | 47,522 | 0 | 3,741 | 51,263 | 107 |
| 3,605 | 37,474 | | 262 | 800 | 42,141 | 22,881 | 0 | 65,022 | 108 |
| 5,175 | 56,654 | | 657 | 101 | 62,587 | 4,100 | 4,858 | | 109 |
| 6,546 | 51,120 | 49 | 749 | 14 | 58,478 | 0 | 8,765 | 67,243 | 110 |
| 2,007 | 0 | 470 | 0 | 11,116 | 13,593 | 0 | 4,027 | 17,620 | 111 |
| | | | | | 30,684 | 0 | 17,874 | 48,558 | 112 |
| | | | | | | | | | |
| 7,749 | 4,955 | 0 | 5 | 248 | 12,957 | 6,000 | 11,037 | 29,994 | 113 |
| 4,096 | 3,071 | 1,414 | 126 | | 8,707 | 0 | 7,762 | 16,469 | 114 |
| | | | | | 14,681 | 0 | 8,635 | 23,316 | 115 |
| 6,825 | 10,104 | | 295 | | 17,224 | 0 | | 17,224 | 116 |
| | | | | | | | | | 117 |
| 9,872 | 10,663 | 6,792 | 50 | 0 | 27,377 | 0 | 7,099 | 34,476 | 118 |
| | | | | | | | | | 119 |
| 12,503 | 0 | 18,126 | 0 | 0 | 30,629 | 0 | 102,095 | 132,724 | 120 |
| | (14,403) | | | 253 | 14,661 | 0 | 6,784 | 21,445 | 121 |
| 18,655 | 2,000 | | 105 | 103 | 20,763 | 0 | 8,910 | 29,773 | 122 |
| 4,551 | 9,252 | | 50 | 665 | 14,518 | 0 | 9,162 | 23,680 | 123 |
| 115,451 | 110,975 | 35,554 | 286 | 2,178 | 264,444 | 78,957 | c0 | 343,402 | 124 |
| 15,431 | 15,580 | | 33 | 105 | 31,152 | | 6,972 | | 125 |
| 5,733 | 14,191 | 0 | 0 | 0 | 19,924 | 0 | 2,467 | 22,391 | 126 |
| | (48,690) | | | 46 | 48,736 | 0 | 28,820 | 77,556 | 127 |
| 21,012 | (2,060) | | 114 | 645 | 23,832 | | 19,337 | 43,168 | 128 |
| | | | | | b12,000 | | b200 | b12,200 | 129 |
| | | | 128 | | 27,682 | 0 | 2,927 | 30,609 | 130 |
| | (23,233) | | | 563 | 23,796 | 0 | 13,891 | 37,687 | 131 |
| 8,648 | 1,654 | 4,102 | 11 | | 16,319 | | 10,054 | 26,373 | 132 |
| | | | | | | | | | 133 |
| | b5,427 | | d88 | | d5,515 | | b9,149 | | 134 |
| | | | | | | | | 68,268 | 135 |
| | | | | | | | b14,686 | b25,452 | 136 |
| 16,830 | 36,553 | 2,555 | 474 | 1,941 | 58,853 | 16,144 | 42,425 | 116,922 | 137 |
| | | | | | | 0 | b4,984 | b12,177 | 138 |
| | | | | | | | 5,260 | 16,428 | 139 |
| 23,174 | | 16,853 | 121 | 0 | 40,148 | 0 | 24,906 | 65,054 | 140 |
| 50,016 | 2,661 | 47,730 | 142 | 225 | 100,774 | 0 | 15,339 | 116,143 | 141 |
| | (10,763) | | 129 | | 10,892 | 0 | 7,852 | 18,744 | 142 |
| 10,517 | 4,211 | 112 | 12 | 0 | 14,852 | 0 | 17,717 | 32,569 | 143 |
| 5,873 | 1,196 | 3,749 | 124 | 137 | 11,079 | 0 | 4,995 | 16,074 | 144 |
| | | | | | | | | | |
| 2,235 | | 15,096 | 378 | 0 | 17,709 | 0 | 6,478 | 24,187 | 145 |
| 1,500 | 4,000 | 10,000 | 300 | | 15,800 | | | | 146 |
| | | | | | | | 5,938 | | 147 |
| | | | | | | | | | 148 |
| | | | | | | | | | 149 |
| 8,053 | | 59,706 | | | 67,759 | 40,000 | 29,150 | 136,909 | 150 |
| 2,500 | (26,000) | | 300 | | 28,500 | 16,000 | 18,000 | 62,500 | 151 |
| 10,163 | 72,327 | | 327 | 545 | 83,362 | 0 | 22,821 | 106,183 | 152 |
| | (60,874) | | 300 | 73 | 61,247 | 0 | 10,817 | 72,064 | 153 |
| 9,988 | | 96,658 | 549 | 67 | 107,262 | 1,645 | 46,889 | 155,796 | 154 |

c Overdraft \$40,057.

d Estimated.

TABLE 18.—Statistics for 1888-89 of property and receipts of public

| | City. | Total taxable property in the city. | | Estimated actual value of public property used for school purposes. | | | | |
|-----------------|---------------------|-------------------------------------|-------------------------------------|---------------------------------------------------------------------|-------------------------|------------|--------------------------|-----------|
| | | Assessed value. | Cash value based on the assessment. | Grounds. | Buildings and fixtures. | Furniture. | Libraries and apparatus. | Total. |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| IOWA—continued. | | | | | | | | |
| 155 | Dubuque..... | \$17,000,000 | \$51,000,000 | \$35,500 | \$163,800 | \$10,250 | \$5,000 | \$214,550 |
| 156 | Fort Dodge..... | 802,743 | 2,498,229 | 7,600 | 38,000 | 3,700 | 800 | 50,100 |
| 157 | Fort Madison..... | | | | | | | |
| 158 | Iowa City..... | 2,324,535 | 4,649,070 | | | | | 60,000 |
| 159 | Keokuk..... | 3,330,429 | 5,000,000 | 20,000 | 105,000 | | | 150,000 |
| 160 | Le Mars..... | | | 7,000 | 30,000 | 2,500 | 800 | 40,300 |
| 161 | Lyons..... | 626,000 | 1,878,000 | 4,000 | 40,000 | 300 | 350 | 44,650 |
| 162 | Marshalltown..... | 1,494,337 | 4,433,011 | 15,000 | 85,500 | 7,000 | 1,200 | 108,700 |
| 163 | Mount Pleasant..... | 1,103,889 | 2,772,223 | 4,000 | 36,000 | | 300 | 40,300 |
| 164 | Muscatine*..... | 1,750,000 | 3,500,000 | 12,000 | 75,000 | 5,000 | 1,500 | 93,500 |
| 165 | Oskaloosa..... | 1,182,759 | 2,956,898 | 12,500 | 100,000 | 3,900 | 2,274 | 118,674 |
| 166 | Ottumwa..... | 2,971,527 | 5,943,054 | 20,000 | 113,500 | 5,000 | 1,500 | 140,000 |
| 167 | Sioux City*..... | | 10,000,000 | 100,000 | 200,000 | 20,000 | 850 | 320,850 |
| 168 | Waterloo*..... | 1,670,000 | 1,670,000 | (35,000) | | 1,000 | 500 | 36,500 |
| KANSAS. | | | | | | | | |
| 169 | Atchison..... | 63,200,000 | 10,000,000 | | | | | 165,000 |
| 170 | Clay Center..... | 837,332 | 2,512,146 | 15,000 | 65,000 | 1,000 | 500 | 81,500 |
| 171 | El Dorado..... | 6758,000 | 63,032,000 | 6,000 | 25,000 | 9,000 | 350 | 40,350 |
| 172 | Emporia..... | 2,547,892 | 5,095,784 | 18,509 | 67,218 | 7,802 | 1,000 | 94,529 |
| 173 | Fort Scott..... | 2,116,500 | 6,349,500 | 40,000 | 70,000 | 6,000 | 600 | 116,600 |
| 174 | Hutchinson..... | 2,139,425 | 6,000,000 | 30,000 | 40,000 | 3,500 | 1,500 | 75,000 |
| 175 | Independence..... | 642,336 | 1,927,188 | 7,000 | 24,000 | 3,000 | 160 | 34,160 |
| 176 | Kansas City..... | 8,425,630 | 25,278,890 | 130,500 | 142,300 | 20,000 | | 292,800 |
| 177 | Lawrence..... | 1,920,669 | 4,801,675 | | | | | |
| 178 | Leavenworth..... | 5,471,386 | 16,414,158 | 33,000 | 125,000 | 35,000 | 5,000 | 198,000 |
| 179 | Newton..... | 1,439,960 | 5,034,860 | 18,000 | 75,000 | | 500 | 93,500 |
| 180 | Ottawa..... | 1,382,143 | 4,146,444 | 15,000 | 50,000 | 7,000 | 400 | 72,400 |
| 181 | Parsons..... | 866,000 | 2,598,000 | 25,000 | 100,000 | 20,000 | 1,000 | 146,000 |
| 182 | Salina..... | 1,923,063 | 4,807,658 | (92,762) | | (7,233) | | 100,000 |
| 183 | Topeka..... | 69,000,000 | 136,000,000 | 6150,000 | 6271,500 | 610,000 | 61,000 | 6432,500 |
| 184 | Wellington..... | 1,298,719 | 3,896,158 | 16,000 | 50,000 | 8,000 | 1,000 | 75,000 |
| 185 | Wichita..... | 10,900,000 | 36,333,333 | 300,000 | 113,910 | 11,026 | 2,314 | 427,250 |
| 186 | Winfield..... | | | 630,000 | 662,500 | (64,500) | | 697,000 |
| KENTUCKY. | | | | | | | | |
| 187 | Ashland..... | | | | | | | |
| 188 | Bowling Green*..... | 2,000,000 | 2,000,000 | 3,500 | 21,500 | 5,300 | 1,000 | 31,000 |
| 189 | Covington..... | 16,000,000 | 24,000,000 | 40,300 | 150,000 | 8,000 | 2,500 | 200,800 |
| 190 | Dayton..... | 1,140,000 | 1,500,000 | 63,200 | 616,000 | 64,000 | 60 | 623,200 |
| 191 | Hopkinsville..... | 1,300,000 | 1,850,000 | 6,000 | 15,000 | 2,500 | 1,000 | 24,500 |
| 192 | Lexington..... | 11,000,000 | 16,500,000 | | | | | 120,000 |
| 193 | Louisville..... | 72,663,234 | 72,663,234 | 224,069 | | (814,106) | | 1,038,175 |
| 194 | Newport..... | 7,500,000 | 7,500,000 | 40,000 | 100,000 | 6,000 | 1,000 | 147,000 |
| 195 | Owensborough..... | 2,752,152 | 2,752,152 | 27,000 | 41,000 | 3,000 | 100 | 71,100 |
| 196 | Paducah..... | 4,601,300 | 6,901,950 | 30,000 | 55,000 | 4,800 | 800 | 90,600 |
| 197 | Paris..... | 61,000,000 | 1,500,000 | 2,000 | 8,000 | 500 | 500 | 11,000 |
| LOUISIANA. | | | | | | | | |
| 198 | New Orleans*.... | 127,000,000 | 127,000,000 | 250,000 | 400,000 | 50,000 | 10,000 | 710,000 |
| MAINE. | | | | | | | | |
| 199 | Auburn*..... | 4,554,165 | 5,464,998 | | | | | 79,000 |
| 200 | Augusta..... | 4,779,778 | 6,372,937 | 3,500 | 68,000 | 3,500 | 2,000 | 77,000 |
| 201 | Bangor..... | 9,955,102 | 9,955,102 | | | | | 6125,000 |
| 202 | Bath*..... | 5,913,920 | 78,860,000 | 40,000 | 72,500 | 8,500 | 1,000 | 122,000 |
| 203 | Belfast*..... | | | | | | | 12,400 |
| 204 | Biddeford..... | 6,065,550 | 10,109,300 | 12,000 | 85,000 | 5,000 | 2,000 | 104,000 |
| 205 | Calais..... | 2,026,132 | 2,701,509 | 5,000 | 30,000 | 1,000 | 500 | 36,500 |
| 206 | Ellsworth..... | 1,640,562 | 2,460,843 | | | | | 25,000 |
| 207 | Lewiston..... | 11,113,083 | 16,000,000 | (245,000) | | 16,000 | 14,000 | 275,000 |
| 208 | Portland..... | 34,072,405 | 51,108,607 | | 264,484 | 19,500 | 5,000 | 283,984 |
| 209 | Rockland..... | 63,859,027 | 15,788,541 | 64,650 | 635,250 | | 61,200 | 641,100 |
| 210 | Saco..... | 63,348,361 | 15,000,000 | (635,000) | | 68,000 | 6500 | 643,500 |

* Statistics of 1887-88.

a Estimated.

b In 1887-88.

c One building was recently destroyed by fire.

schools of cities and villages containing over 4,000 inhabitants—Continued.

| Receipts for the school year 1888-89. | | | | | | Receipts from loans and bond sales. | Balance on hand from last school year (1887-88). | Total sum available for use during the year. | |
|----------------------------------------------------|-----------------------------------------------|---------------------------------------|--------------------------|-------------------------------|----------|-------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------|-----|
| From State ap- portion- ment or taxes. | From city appropri- ations or taxes. | From county and other taxes. | From tuition fees. | From all other sources. | Total. | | | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| \$10,952 | \$63,600 | | \$117 | \$58 | \$74,727 | | 3,213 | 77,940 | 155 |
| 2,860 | | \$13,027 | 321 | 2 | 16,210 | 0 | 9,904 | 26,114 | 156 |
| | (28,553) | | 888 | 0 | 29,471 | 0 | 3,415 | 32,887 | 157 |
| | | | | | 641,000 | | | | 158 |
| | | | | | | | | | 159 |
| 2,105 | | 9,193 | | | 11,298 | 0 | 1,722 | 13,020 | 160 |
| 3,744 | 31,634 | 0 | 246 | 0 | 35,624 | 0 | 17,872 | 53,496 | 161 |
| | (12,006) | | 134 | 6 | 12,146 | 0 | 1,227 | 13,373 | 162 |
| 3,895 | 28,822 | | 124 | | 32,841 | | | 32,841 | 163 |
| 2,392 | | 16,814 | 257 | 8,972 | 23,436 | 0 | 2,042 | 30,478 | 164 |
| | | | | | | | | | 165 |
| | 40,672 | | | 44,384 | 85,056 | | | | 166 |
| 1,831 | 11,667 | | | 102 | 13,600 | | 2,150 | 15,750 | 167 |
| | | | | | | | | | 168 |
| 5,806 | (19,302) | | 816 | | 25,924 | 0 | 8,671 | 34,585 | 169 |
| 1,167 | 2,675 | 10,530 | 300 | 0 | 14,672 | 0 | 3,496 | 18,168 | 170 |
| | | | 180 | | | | | | 171 |
| 3,274 | 26,874 | | 73 | | 30,221 | 0 | 91 | 30,312 | 172 |
| 3,811 | 13,886 | 313 | 70 | | 18,080 | 2,500 | 2,512 | 23,092 | 173 |
| 1,256 | 23,545 | | 20 | 0 | 24,821 | 71,012 | 0 | 95,833 | 174 |
| 1,708 | 9,537 | | 72 | | 11,317 | 0 | 3,191 | 14,508 | 175 |
| 10,383 | 59,885 | | | | 70,268 | 127,000 | 10,923 | 208,191 | 176 |
| 3,728 | 23,420 | 4,490 | 537 | 39 | 28,761 | | 7,163 | 39,427 | 177 |
| 8,434 | (48,817) | | 2,455 | 638 | 60,344 | 9,500 | 9,012 | 78,856 | 178 |
| 2,079 | (23,187) | | 147 | 7,200 | 32,613 | 62,500 | 6,508 | 101,621 | 179 |
| 2,474 | 16,577 | 25 | | 94 | 19,170 | 0 | | 19,170 | 180 |
| 2,199 | 2,753 | 12,708 | | 16 | 17,676 | 1,377 | 2,666 | 21,718 | 181 |
| | | | | | 23,747 | 0 | 4,257 | 28,004 | 182 |
| 10,563 | (76,192) | | 604 | 1,295 | 88,654 | 0 | 7,120 | 95,774 | 183 |
| 1,982 | 17,347 | | (135) | | 19,464 | 0 | 3,602 | 23,066 | 184 |
| 8,805 | 59,422 | 0 | 0 | 0 | 68,227 | 0 | 20,041 | 88,268 | 185 |
| | | | | | 16,484 | | 603 | 17,087 | 186 |
| | | | | | | | | | 187 |
| 4,000 | 8,000 | | | | 12,000 | | 3,333 | 15,333 | 188 |
| 24,889 | 34,818 | 0 | 500 | 171 | 60,408 | 15,100 | 11,638 | 87,146 | 189 |
| 2,719 | 5,393 | | | 6 | 8,118 | 0 | 1,019 | 9,137 | 190 |
| | | | | | | | | | 191 |
| 12,000 | 20,000 | | 150 | | 32,150 | 30,000 | | 62,150 | 192 |
| 121,816 | 224,370 | | 1,639 | 8,899 | 356,224 | 0 | 1,050 | 357,274 | 193 |
| 17,339 | 21,140 | | | | 38,479 | 0 | 0 | 38,479 | 194 |
| 4,942 | 14,544 | 0 | 352 | 307 | 20,145 | 0 | | 20,145 | 195 |
| 10,179 | 10,000 | 0 | 600 | 0 | 20,779 | 0 | 3,223 | 24,002 | 196 |
| 1,000 | 6,000 | | | | | | 100 | | 197 |
| | | | | | | | | | 198 |
| 35,919 | 150,167 | | | | 195,086 | | 14,739 | 209,825 | 199 |
| | | | | | | | | | 200 |
| 5,713 | 18,500 | | 5 | | 24,218 | | | 24,218 | 201 |
| 4,614 | 10,933 | 46,540 | 41 | | 22,128 | 0 | | 22,128 | 202 |
| 9,629 | 32,500 | | 223 | | 42,531 | | | | 203 |
| 5,227 | 11,473 | | 142 | 18 | 16,860 | 0 | 0 | 16,860 | 204 |
| 2,269 | 65,214 | f3,900 | | | 11,343 | 0 | | 11,343 | 205 |
| 7,743 | 18,000 | 0 | 0 | 0 | 25,743 | 0 | 0 | 25,743 | 206 |
| 4,517 | 6,875 | 0 | 0 | 250 | 11,642 | 0 | 0 | 11,642 | 207 |
| 3,016 | 4,200 | | | | 7,216 | 0 | 101 | 7,317 | 208 |
| 12,073 | 27,521 | 40 | 10 | | 39,614 | 50,000 | 0 | 89,614 | 209 |
| 19,816 | 81,636 | 0 | 0 | 0 | 101,482 | 0 | 0 | 101,482 | 210 |
| 3,893 | 9,040 | | 37 | 341 | | | 0 | | 211 |
| 3,150 | 10,100 | | 16 | 43 | 13,314 | | | | 212 |

d District taxes.

e From town treasury.

f From local funds.

TABLE 18.—Statistics for 1888-89 of property and receipts of public

| | City. | Total taxable property in the city. | | Estimated actual value of public property used for school purposes. | | | | |
|----------------|---------------------|-------------------------------------|--------------------------------------|---------------------------------------------------------------------|-------------------------|------------|--------------------------|-------------|
| | | Assessed value. | Cash value, based on the assessment. | Grounds. | Buildings and fixtures. | Furniture. | Libraries and apparatus. | Total. |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| MARYLAND. | | | | | | | | |
| 211 | Baltimore..... | \$294,000,000 | \$294,000,000 | \$600,000 | \$1,500,000 | \$180,000 | \$10,000 | \$2,290,000 |
| 212 | Frederick..... | 12,000,000 | 12,000,000 | 2,000 | 18,000 | 1,000 | 600 | 21,600 |
| 213 | Hagerstown..... | 3,500,000 | 5,250,000 | 5,400 | 35,000 | 4,000 | 200 | 44,600 |
| MASSACHUSETTS. | | | | | | | | |
| 214 | Attleborough..... | 3,810,642 | 5,080,856 | 12,000 | 48,000 | 3,000 | 1,500 | 64,500 |
| 215 | Beverly *..... | 14,287,100 | 14,287,100 | 20,000 | 145,000 | 11,000 | 400 | 176,400 |
| 216 | Boston..... | 764,452,548 | 764,452,548 | (8,629,500) | | | | |
| 217 | Brookton..... | 15,117,528 | 15,117,528 | | | | | |
| 218 | Brookline..... | 41,246,900 | 41,246,900 | (360,000) | | | | |
| 219 | Cambridge..... | 62,450,040 | 62,450,040 | 200,000 | 550,000 | (12,000) | 6,000 | 756,000 |
| 220 | Chelsea..... | 20,189,850 | 20,189,850 | (415,000) | | | | 425,000 |
| 221 | Chicopee..... | 5,920,470 | 7,893,960 | 4,600 | 47,000 | 4,200 | 2,400 | 58,200 |
| 222 | Clinton..... | 5,150,000 | 5,150,000 | 100,000 | 120,000 | 8,000 | 1,000 | 229,000 |
| 223 | Danvers..... | 3,861,370 | 3,861,370 | 10,500 | 35,500 | 3,000 | 500 | 49,500 |
| 224 | Dedham..... | 5,273,965 | 5,273,965 | | | | | 685,000 |
| 225 | Everett..... | 6,499,100 | 6,499,100 | 13,800 | 62,000 | 9,000 | 2,000 | 86,800 |
| 226 | Fall River..... | 49,841,691 | 49,841,691 | | | | | 830,500 |
| 227 | Fitchburg..... | 14,810,763 | 21,158,240 | (214,100) | | (15,900) | | 260,000 |
| 228 | Gloucester..... | 13,257,641 | 15,597,413 | 30,000 | 210,000 | 12,300 | 3,000 | 255,300 |
| 229 | Haverhill..... | 16,659,379 | 16,659,379 | | | | | 6276,700 |
| 230 | Holyoke..... | 19,121,335 | 19,121,335 | 80,496 | 201,266 | 11,746 | 10,712 | 304,221 |
| 231 | Hyde Park..... | 6,874,500 | 6,874,500 | | | | | 115,000 |
| 232 | Lawrence..... | 28,971,979 | 28,971,979 | | | | | 350,000 |
| 233 | Lowell..... | 57,646,775 | 57,646,775 | 250,000 | 325,000 | 50,000 | | 625,000 |
| 234 | Lynn..... | 33,224,080 | 33,224,080 | (342,200) | | 25,000 | 5,500 | 572,700 |
| 235 | Malden..... | 15,384,300 | 15,384,300 | 92,311 | 209,500 | 16,500 | 2,500 | 323,811 |
| 236 | Marblehead..... | 4,591,026 | 4,591,026 | 65,250 | 632,200 | 61,500 | 6100 | 639,050 |
| 237 | Marlborough..... | 5,207,339 | 5,207,339 | | | | | 100,000 |
| 238 | Medford..... | 8,929,075 | 13,393,613 | 12,000 | 140,000 | 5,000 | 1,000 | 158,000 |
| 239 | Milford..... | 4,876,704 | 4,876,704 | 20,600 | 67,400 | 4,500 | 1,800 | 94,300 |
| 240 | New Bedford..... | 33,454,347 | 33,454,347 | (465,550) | | 26,000 | 21,000 | 512,550 |
| 241 | Newburyport..... | 9,221,070 | 9,221,070 | (697,500) | | 62,000 | 6200 | 699,700 |
| 242 | Newton..... | 33,278,642 | 33,278,642 | | | | | 581,600 |
| 243 | North Adams..... | 5,610,833 | 8,416,250 | 25,000 | 150,000 | 20,000 | 5,000 | 200,000 |
| 244 | Northampton..... | 9,494,493 | 9,494,493 | 37,000 | 99,000 | 10,500 | 6,000 | 152,500 |
| 245 | Peabody..... | 7,063,650 | 7,063,650 | | | | | |
| 246 | Pittsfield..... | 9,893,969 | 14,840,939 | 30,000 | 100,000 | 15,000 | 1,500 | 146,500 |
| 247 | Plymouth..... | 5,373,325 | 5,373,325 | 68,500 | 665,000 | 64,200 | 62,500 | 680,200 |
| 248 | Quincy..... | 9,757,960 | 9,757,960 | | | | | |
| 249 | Salem..... | 26,351,328 | 26,351,328 | | | | | 373,500 |
| 250 | Somerville..... | 1,287,023 | 1,287,023 | (423,380) | | 19,125 | 5,000 | 447,455 |
| 251 | Southbridge..... | 3,178,050 | 4,237,399 | 4,800 | 26,500 | 1,985 | 1,850 | 35,135 |
| 252 | Spencer..... | 4,011,090 | 4,011,090 | | | | | |
| 253 | Springfield..... | 39,863,255 | 39,863,255 | | | | | 670,800 |
| 254 | Stoneham..... | 3,260,328 | 3,260,328 | 25,700 | 42,700 | 4,000 | 4,000 | 76,400 |
| 255 | Taunton..... | 17,291,740 | 17,291,740 | | | | | |
| 256 | Waltham..... | 13,148,810 | 13,148,810 | 50,837 | 165,600 | 11,626 | 9,180 | 237,243 |
| 257 | Watertown..... | 6,910,988 | 6,910,988 | | | | | 102,025 |
| 258 | Westfield..... | 7,000,000 | 7,500,000 | 10,000 | 100,000 | 5,000 | 4,000 | 119,000 |
| 259 | Weymouth..... | 5,901,114 | 8,851,671 | 18,000 | 130,000 | 10,000 | 4,000 | 162,000 |
| 260 | Woburn..... | 8,500,000 | 8,500,000 | | | | | 174,000 |
| 261 | Worcester..... | 64,551,736 | 86,068,981 | 245,700 | 797,450 | 64,137 | 9,925 | 1,117,212 |
| MICHIGAN. | | | | | | | | |
| 262 | Adrian..... | 4,000,000 | 4,000,000 | (100,000) | | 6,000 | 9,000 | 115,000 |
| 263 | Alpena..... | 3,651,275 | 5,476,913 | | | | | 40,600 |
| 264 | Ann Arbor..... | 6,196,280 | 8,261,707 | 37,000 | 145,000 | 3,000 | 6,000 | 191,000 |
| 265 | Battle Creek *..... | | | 18,000 | 133,000 | 8,000 | 12,000 | 171,000 |
| 266 | Bay City..... | 10,117,205 | 10,117,205 | 30,000 | 143,000 | 20,000 | 2,000 | 195,000 |
| 267 | Big Rapids..... | | | | | | | 47,000 |
| 268 | Cadillac..... | 850,000 | 2,111,111 | 5,500 | 25,000 | | 1,000 | 37,500 |
| 269 | Cheboygan *..... | 1,300,000 | 1,300,000 | 1,400 | 11,000 | 1,275 | 450 | 14,125 |
| 270 | Coldwater..... | 2,458,000 | 3,686,000 | 12,000 | 59,000 | 5,000 | 4,000 | 80,000 |
| 271 | Detroit *..... | 152,299,140 | 152,299,140 | 388,500 | 998,500 | | | 1,387,000 |
| 272 | East Saginaw..... | 10,603,920 | 10,660,920 | 40,000 | 160,000 | 11,500 | 5,000 | 216,500 |
| 273 | Escanaba..... | 1,200,000 | 2,400,000 | 11,500 | 25,000 | 3,500 | 1,500 | 41,500 |

* Statistics of 1887-88.

schools of cities and villages containing over 4,000 inhabitants—Continued.

| Receipts for the school year 1888-89. | | | | | | Receipts from loans and bond sales. | Balance on hand from last school year (1887-88). | Total sum available for use during the year. | |
|---------------------------------------|------------------------------------|------------------------------|--------------------|-------------------------|-----------|-------------------------------------|--------------------------------------------------|----------------------------------------------|-----|
| From State apportionment or taxes. | From city appropriations or taxes. | From county and other taxes. | From tuition fees. | From all other sources. | Total. | | | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| \$159,592 | \$662,357 | 0 | \$6,105 | 0 | \$828,054 | 0 | 0 | \$828,054 | 211 |
| 2,400 | | \$3,400 | | \$2,100 | 7,900 | 0 | \$100 | 8,000 | 212 |
| 3,656 | 0 | 7,312 | 766 | 0 | 11,734 | \$2,859 | 0 | 14,593 | 213 |
| 71 | 19,000 | 44 | 25 | | 19,040 | | | | 214 |
| 0 | 24,000 | 0 | 155 | 1,235 | 25,390 | 0 | 0 | 25,390 | 215 |
| | 1,931,092 | | 14,458 | 26,899 | 1,972,449 | | | 1,972,449 | 216 |
| | 50,412 | | 109 | 40 | | 0 | 1,856 | 52,417 | 217 |
| | 55,474 | | | | | | | | 218 |
| | 249,722 | | 119 | 914 | 250,755 | 0 | 0 | 250,755 | 219 |
| | 71,000 | | 1,367 | | | 0 | | | 220 |
| 78 | 25,500 | 0 | 43 | 67 | 25,688 | 0 | 0 | 25,688 | 221 |
| | 27,783 | | | | | | | | 222 |
| 35 | 16,539 | | | 366 | 16,940 | 0 | 0 | 16,940 | 223 |
| | | | | | | | | | 224 |
| 77 | 29,000 | | 42 | | 29,119 | 27,000 | 758 | 56,877 | 225 |
| | 184,076 | 0 | | 2,861 | 186,937 | 0 | 0 | 186,937 | 226 |
| | 65,979 | 0 | 176 | 0 | 66,155 | 0 | 0 | 66,155 | 227 |
| 0 | 62,800 | 30 | | | 62,830 | | | | 228 |
| | 64,000 | | | 551 | 64,551 | 0 | 0 | 64,551 | 229 |
| | 123,653 | | | | 123,653 | | | 123,653 | 230 |
| 53 | 40,250 | 0 | 0 | 0 | 40,303 | 0 | 1,249 | 41,552 | 231 |
| 0 | 92,000 | 0 | 275 | 0 | | 0 | 0 | | 232 |
| | 230,782 | | 524 | | 231,306 | 25,000 | 0 | 256,306 | 233 |
| 0 | 174,723 | 0 | 135 | 0 | 174,858 | 0 | 0 | 174,858 | 234 |
| 0 | 93,716 | 0 | 0 | 0 | 93,716 | 0 | 0 | 93,716 | 235 |
| 45 | 18,000 | | | 744 | 18,789 | 0 | 0 | 18,789 | 236 |
| 164 | 35,000 | | | | | | | | 237 |
| 48 | (102,471) | | | | 102,519 | 0 | 0 | 102,519 | 238 |
| 48 | 22,207 | 383 | 9 | 28 | 22,675 | 0 | 0 | 22,675 | 239 |
| 0 | 133,553 | 988 | 544 | 3,000 | 138,085 | 0 | 1,270 | 139,355 | 240 |
| | | | | | | | | | 241 |
| 0 | 127,679 | 2,709 | | | 130,388 | 0 | 0 | 130,388 | 242 |
| 90 | 34,000 | 234 | 598 | | 34,922 | 45,000 | | 79,922 | 243 |
| 75 | 46,250 | 912 | 316 | 249 | 47,802 | | | 47,802 | 244 |
| 63 | 29,000 | | | 826 | 29,889 | 0 | | 29,889 | 245 |
| | 85,026 | 0 | 476 | 0 | 85,502 | 0 | 157 | 85,659 | 246 |
| 83 | 24,800 | | | 35 | 24,918 | 0 | 888 | 25,806 | 247 |
| | 50,950 | | | 90 | 51,040 | 0 | | 51,040 | 248 |
| | (97,183) | | | 925 | 98,108 | 0 | 0 | 98,108 | 249 |
| | 73,500 | | 85 | 53,124 | 126,710 | | 4,277 | | 250 |
| 48 | 18,250 | 0 | 0 | 48 | 18,346 | 0 | 1,417 | 19,763 | 251 |
| 61 | 23,250 | | | | | | | | 252 |
| 0 | 165,030 | 0 | 477 | 16 | 165,523 | 0 | 0 | 165,523 | 253 |
| 28 | 17,200 | 0 | 0 | 0 | 17,228 | | | | 254 |
| | | | | | | | | | 255 |
| 0 | 49,675 | 0 | 290 | 0 | 49,965 | 0 | 0 | 49,965 | 256 |
| | | | | | 26,064 | 0 | 0 | 26,064 | 257 |
| 139 | 27,279 | 0 | 41 | 0 | 27,459 | 0 | 5,564 | 33,023 | 258 |
| 12,058 | 36,734 | 0 | 150 | 1,108 | 50,049 | 0 | | 50,049 | 259 |
| 179 | 39,283 | 0 | 75 | 0 | 39,537 | 0 | 1,364 | 40,901 | 260 |
| 0 | 259,574 | 0 | 404 | 323 | 260,301 | 0 | 0 | 260,301 | 261 |
| | | | | | | | | | |
| 3,245 | 17,196 | | 457 | 28 | 20,926 | 0 | 2,615 | 23,541 | 262 |
| 4,135 | 21,382 | | | 100 | 25,617 | 0 | | 25,617 | 263 |
| 4,135 | 22,843 | 6,196 | 6,783 | 701 | 40,658 | 5,000 | 14,832 | 60,390 | 264 |
| | | | | | | | | | 265 |
| 10,663 | (55,000) | | 60 | 191 | 65,914 | 0 | 13,075 | 78,989 | 266 |
| | | | | | | | | | 267 |
| 1,635 | 11,126 | 66 | | 501 | 13,328 | 7,000 | 6,299 | 26,627 | 268 |
| 1,458 | (3,700) | | 187 | 0 | 5,345 | | 1,000 | 6,345 | 269 |
| 1,669 | 21,155 | 0 | 422 | 12 | 23,258 | 0 | 8,739 | 31,997 | 270 |
| 71,875 | 398,196 | 0 | 918 | 29,142 | 500,131 | 0 | 9,965 | 510,096 | 271 |
| 12,635 | 82,552 | 193 | 438 | 1,229 | 97,047 | 0 | 0 | 97,047 | 272 |
| 1,769 | 11,995 | | | 2,074 | 15,838 | 0 | 0 | 15,838 | 273 |

a Estimated.

b In 1887-88.

TABLE 18.—Statistics for 1888-89 of property and receipts of public

| City. | Total taxable property in the city. | | Estimated actual value of public property used for school purposes. | | | | |
|--------------------------|-------------------------------------|--------------------------------------|---------------------------------------------------------------------|-------------------------|------------|--------------------------|-----------|
| | Assessed value. | Cash value, based on the assessment. | Grounds. | Buildings and fixtures. | Furniture. | Libraries and apparatus. | Total. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| MICHIGAN—continued. | | | | | | | |
| 274 Flint*..... | \$4,570,511 | \$5,000,000 | ..... | ..... | ..... | ..... | \$165,000 |
| 275 Grand Haven..... | 1,669,445 | 2,500,000 | ..... | ..... | ..... | ..... | 50,000 |
| 276 Grand Rapids..... | 21,411,314 | 42,822,628 | ..... | ..... | ..... | ..... | 680,000 |
| 277 Ionia..... | ..... | ..... | ..... | ..... | ..... | ..... | 57,000 |
| 278 Ishpeming*..... | ..... | ..... | ..... | ..... | ..... | ..... | 153,000 |
| 279 Jackson..... | ..... | ..... | \$50,000 | \$100,000 | \$3,000 | \$2,000 | 205,000 |
| 280 Kalamazoo..... | 7,004,730 | 10,507,095 | 40,000 | 110,000 | 10,000 | 45,000 | 100,000 |
| 281 Lansing*..... | ..... | ..... | ..... | ..... | ..... | ..... | 120,000 |
| 282 Ludington..... | 62,000,000 | 2,000,000 | 10,000 | 95,000 | 10,000 | 5,000 | 84,000 |
| 283 Manistee*..... | ..... | ..... | ..... | ..... | ..... | ..... | 69,000 |
| 284 Marquette..... | 3,250,300 | 3,250,300 | 25,000 | 40,000 | 3,000 | 1,000 | 104,500 |
| 285 Marshall..... | 1,901,600 | 1,901,600 | 15,000 | 85,000 | 2,500 | 2,000 | 45,950 |
| 286 Menominee..... | 2,400,000 | 4,000,000 | 9,000 | 31,500 | 4,650 | 800 | 36,000 |
| 287 Monroe*..... | ..... | ..... | 3,000 | 30,000 | 1,000 | 2,000 | 27,800 |
| 288 Mount Clemens*..... | ..... | ..... | ..... | ..... | ..... | ..... | 183,531 |
| 289 Muskegon..... | 5,777,000 | ..... | (172,500) | ..... | 11,031 | ..... | 44,100 |
| 290 Negaunee*..... | 2,250,000 | 3,000,000 | 2,000 | 40,000 | 2,000 | 100 | 53,050 |
| 291 Niles..... | 1,663,440 | 2,217,920 | 5,000 | 45,000 | 2,000 | 1,050 | 64,000 |
| 292 Owosso*..... | ..... | ..... | ..... | ..... | ..... | ..... | 91,800 |
| 293 Pontiac..... | 2,400,000 | 2,400,000 | 30,000 | 56,000 | 4,000 | 1,800 | 102,900 |
| 294 Port Huron..... | 4,184,635 | 6,276,953 | ..... | ..... | ..... | ..... | 99,310 |
| 295 Saginaw..... | ..... | ..... | 18,050 | 67,855 | 9,632 | 3,773 | 93,000 |
| 296 West Bay City..... | 2,100,000 | 4,200,000 | 11,000 | 65,000 | 15,000 | 2,000 | 33,500 |
| 297 Wyandotte..... | 1,500,000 | 4,500,000 | 4,000 | 23,500 | 2,500 | 3,500 | 43,000 |
| 298 Ypsilanti..... | ..... | ..... | 5,000 | 42,000 | 1,000 | ..... | ..... |
| MINNESOTA. | | | | | | | |
| 299 Anoka..... | 3,086,150 | 7,715,375 | (45,000) | ..... | 2,500 | 1,000 | 52,700 |
| 300 Brainerd..... | 1,700,000 | 2,236,667 | 8,000 | 41,000 | 2,900 | 800 | 54,580 |
| 301 Crookston..... | 1,023,431 | 2,050,862 | 5,000 | 43,000 | 6,000 | 580 | 387,804 |
| 302 Duluth..... | 22,000,000 | 66,000,000 | 147,400 | 214,127 | 20,463 | 5,814 | 1,800 |
| 303 Faribault..... | 2,337,800 | 4,675,600 | 10,000 | 61,000 | 2,500 | 1,800 | 67,054 |
| 304 Mankato..... | 2,700,000 | 5,400,000 | (56,739) | ..... | 8,600 | 1,035 | 1,835,000 |
| 305 Minneapolis..... | 126,000,000 | 210,000,000 | (1,770,000) | ..... | 45,000 | 20,000 | 50,000 |
| 306 Red Wing*..... | 1,765,000 | 3,200,000 | 10,000 | 50,000 | 3,000 | 2,400 | 187,300 |
| 307 Rochester*..... | ..... | ..... | ..... | ..... | ..... | ..... | 268,000 |
| 308 St. Cloud..... | 2,900,000 | 11,600,000 | 15,000 | 35,000 | 3,000 | 1,000 | ..... |
| 309 St. Paul..... | ..... | ..... | (1,815,000) | ..... | ..... | ..... | ..... |
| 310 Stillwater..... | 5,250,000 | 10,500,000 | 27,800 | 150,000 | 5,000 | 4,500 | ..... |
| 311 Winona..... | 6,638,680 | 6,638,680 | 50,000 | 200,000 | 15,000 | 3,000 | ..... |
| MISSISSIPPI. | | | | | | | |
| 312 Columbus..... | 1,800,000 | 2,180,000 | ..... | ..... | ..... | ..... | 20,000 |
| 313 Jackson..... | ..... | ..... | 7,000 | 28,000 | 3,000 | 600 | 33,600 |
| 314 Meridian..... | 4,500,000 | 4,500,000 | 14,000 | 35,000 | 4,500 | 8,000 | 61,500 |
| 315 Natchez..... | 3,000,000 | 4,500,000 | 20,000 | 20,000 | 1,000 | ..... | 41,000 |
| 316 Vicksburg..... | 4,500,000 | 4,500,000 | 2,500 | 28,000 | 2,000 | 500 | 33,000 |
| MISSOURI. | | | | | | | |
| 317 Boonville..... | 1,000,000 | 2,150,000 | ..... | ..... | ..... | ..... | 30,000 |
| 318 Brookfield..... | 6625,000 | 21,000,000 | 2,500 | 22,000 | 3,200 | ..... | 27,700 |
| 319 Butler..... | 838,505 | 2,096,262 | 3,000 | 25,000 | 3,000 | 500 | 31,500 |
| 320 Cape Girardeau..... | 725,655 | 2,100,000 | ..... | ..... | ..... | ..... | 25,000 |
| 321 Carrollton..... | 1,500,000 | 3,000,000 | 12,000 | 49,500 | 3,000 | 500 | 65,000 |
| 322 Carthage*..... | 1,742,497 | 2,500,000 | 18,250 | 37,000 | 2,500 | 3,250 | 61,000 |
| 323 Chillicothe*..... | 1,100,000 | 2,500,000 | 3,000 | 31,000 | 1,500 | 2,500 | 38,000 |
| 324 Clinton*..... | 1,113,430 | 3,340,290 | 4,000 | 41,000 | 5,000 | 500 | 50,500 |
| 325 Columbia*..... | 1,147,705 | 3,443,115 | 3,500 | 16,000 | 1,500 | 500 | 21,500 |
| 326 De Soto*..... | 525,000 | 550,000 | 2,000 | 22,400 | 1,000 | 200 | 28,600 |
| 327 Hannibal..... | 3,065,265 | 4,597,898 | 5,000 | 75,000 | ..... | 2,600 | 82,000 |
| 328 Independence..... | 2,302,460 | 4,604,920 | 21,400 | 38,000 | 2,000 | 1,000 | 62,400 |
| 329 Jefferson City*..... | 1,312,789 | 2,500,000 | ..... | ..... | ..... | ..... | 40,000 |
| 330 Joplin..... | 778,585 | 778,585 | ..... | ..... | ..... | ..... | 30,000 |
| 331 Kansas City..... | 54,907,000 | 137,207,500 | 640,400 | 520,945 | 32,900 | 30,000 | 1,224,245 |
| 332 Lexington..... | 1,255,060 | 2,390,000 | 8,000 | 12,000 | 2,000 | 1,000 | 23,000 |

* Statistics of 1887-88.

a Estimated.

schools of cities and villages containing over 4,000 inhabitants—Continued.

| Receipts for the school year 1888-89. | | | | | | Receipts from loans and bond sales. | Balance on hand from last school year (1887-88). | Total sum available for use during the year. | |
|---------------------------------------|------------------------------------|------------------------------|--------------------|-------------------------|----------|-------------------------------------|--------------------------------------------------|----------------------------------------------|-----|
| From State apportionment or taxes. | From city appropriations or taxes. | From county and other taxes. | From tuition fees. | From all other sources. | Total. | | | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| \$9,082 | \$15,502 | \$155 | \$1,624 | \$629 | \$26,992 | \$9,167 | \$10,025 | \$46,182 | 274 |
| 2,561 | 11,650 | | 22 | 16 | 14,249 | 0 | 169 | 14,418 | 275 |
| 20,327 | 168,640 | 18,199 | 1,693 | 25,184 | 234,043 | 46,441 | 9,715 | 290,199 | 276 |
| | | | | | | | | | 277 |
| 3,887 | 5,121 | 26,736 | 664 | | 36,418 | 0 | 557 | 36,965 | 278 |
| 6,691 | 34,146 | 7,746 | 738 | 444 | 49,765 | 9,878 | 7,512 | 67,155 | 280 |
| | | | | | | | | | 281 |
| 2,923 | 29,809 | 518 | 192 | 410 | 33,857 | (14,521) | | 48,378 | 282 |
| | | | | | | | | | 283 |
| 6,179 | 16,000 | | 30 | 2 | 22,211 | 8,000 | 859 | 31,070 | 284 |
| 1,708 | 12,277 | 154 | 532 | 42 | 14,713 | 0 | 1,546 | 16,259 | 285 |
| 3,200 | 18,924 | | | 851 | 22,975 | 0 | 7,704 | 30,679 | 286 |
| 2,332 | 2,200 | | 800 | 600 | | 10,000 | 8,030 | | 287 |
| | | | | | | | | | 288 |
| 9,438 | 66,332 | 101 | 205 | 16,767 | 92,943 | 0 | 2,398 | 95,341 | 289 |
| 4,731 | 13,000 | 0 | 0 | 35 | 17,766 | 30,000 | 4,798 | 52,564 | 290 |
| 1,677 | 11,677 | 223 | 211 | 26 | 13,814 | | 945 | 14,759 | 291 |
| | | | | | | | | | 292 |
| 4,383 | 11,500 | | 692 | 79 | 16,039 | 0 | 1,427 | 18,086 | 293 |
| 9,224 | 15,075 | 0 | 123 | 861 | 25,283 | 0 | 13,779 | 39,062 | 294 |
| 6,603 | (42,301) | | 129 | 384 | 49,417 | 25,000 | 13,186 | 87,603 | 295 |
| 4,831 | 21,210 | 1,980 | 340 | 1,643 | 30,064 | 15,000 | 215 | 45,219 | 296 |
| 1,957 | 5,500 | | 132 | 875 | 8,464 | 0 | 993 | 9,462 | 297 |
| | | | | | | | | | 298 |
| | | 14,959 | 44 | 13 | 15,016 | 0 | 387 | 15,403 | 299 |
| 3,478 | 1,497 | 18,359 | | 1,359 | 24,693 | 5,900 | 1,126 | 31,719 | 300 |
| 3,646 | 9,929 | 814 | | 82 | 14,471 | 2,000 | 6,891 | 23,362 | 301 |
| 8,889 | 110,958 | 19,528 | 18 | 2,651 | 142,043 | 52,107 | 98,974 | 293,124 | 302 |
| 4,055 | 20,622 | | 232 | | 24,909 | 0 | 1,049 | 25,958 | 303 |
| 5,538 | 0 | 37,875 | 198 | 54 | 43,665 | 5,950 | 0 | 49,615 | 304 |
| 76,999 | 399,393 | 0 | 301 | 17,355 | 494,048 | 425,913 | 26,845 | 946,806 | 305 |
| 4,159 | 16,405 | 0 | 84 | 400 | 21,047 | 0 | 2,981 | 24,028 | 306 |
| | | | | | | | | | 307 |
| 2,677 | 17,366 | | 314 | | 20,357 | 0 | | 20,357 | 308 |
| | (422,564) | | | 3,870 | 426,434 | 310,000 | 19,353 | 755,787 | 309 |
| 10,132 | 31,122 | 0 | 183 | 1,455 | 42,892 | 51,200 | 10,397 | 104,489 | 310 |
| 15,274 | 52,872 | 0 | 90 | | 69,236 | 0 | 0 | 69,236 | 311 |
| | | | | | | | | | 312 |
| | | | | | 10,000 | | | | 313 |
| 1,000 | 6,000 | | 500 | 500 | 8,000 | 40,000 | 850 | 48,850 | 314 |
| 2,100 | 11,000 | | | | 13,500 | | | 13,500 | 315 |
| 3,705 | 7,690 | 0 | 0 | 0 | 11,395 | 0 | 0 | 11,395 | 316 |
| 3,000 | 18,000 | 2,000 | 0 | 0 | 23,000 | 0 | 0 | 23,000 | 317 |
| | | | | | | | | | 318 |
| 1,813 | 6,007 | | | | 7,820 | 0 | 0 | 7,820 | 319 |
| 1,634 | (3,368) | | 0 | 20 | 5,022 | 0 | 2,948 | 7,970 | 320 |
| 2,443 | 7,191 | | 6 | 171 | 9,811 | 0 | 1,513 | 11,324 | 321 |
| 2,657 | 5,747 | | 16 | | 8,420 | 0 | 1,017 | 9,437 | 322 |
| 61,104 | 611,106 | 61,590 | 6227 | 6379 | 614,405 | | 63,182 | 617,588 | 323 |
| 4,645 | 12,280 | 816 | 233 | 152 | 18,131 | | 3,236 | 21,367 | 324 |
| 4,462 | 11,188 | | 160 | 7 | 15,817 | | | | 325 |
| 2,062 | | 12,525 | 61 | | 14,648 | | 3,623 | 18,271 | 326 |
| 3,328 | (6,893) | | 164 | | 9,385 | | 1,952 | 11,337 | 327 |
| 997 | 4,206 | 287 | 6 | 498 | 5,994 | | 2,353 | 8,347 | 328 |
| 6,019 | (23,893) | | 132 | 793 | 30,837 | 0 | 0 | 30,837 | 329 |
| 2,564 | 20,844 | 149 | 72 | 140 | 23,760 | 0 | 2,139 | 25,908 | 330 |
| 2,794 | 11,044 | | 100 | | | | 6,808 | | 331 |
| 3,679 | 7,156 | 265 | 126 | | 11,225 | | 544 | 11,770 | 332 |
| 49,298 | | 249,330 | 283 | 2,526 | 301,437 | 205,507 | 7,457 | 514,401 | 333 |
| 3,933 | | 5,323 | 15 | | 9,271 | 0 | 766 | 10,037 | 334 |

b In 1887-88.

c Statistics of white schools only.

TABLE 18.—Statistics for 1888-89 of property and receipts of public

| City. | Total taxable property in the city. | | Estimated actual value of public property used for school purposes. | | | | |
|---------------------------|-------------------------------------|--------------------------------------|---------------------------------------------------------------------|-------------------------|------------|--------------------------|-----------|
| | Assessed value. | Cash value, based on the assessment. | Grounds. | Buildings and fixtures. | Furniture. | Libraries and apparatus. | Total. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| MISSOURI—cont'd. | | | | | | | |
| 333 Louisiana | \$1,047,191 | \$1,396,254 | \$500 | \$17,500 | \$1,000 | \$1,000 | \$20,000 |
| 334 Marshall | 1,358,221 | 1,358,221 | | | | | 45,000 |
| 335 Maryville | 2,987,496 | 8,962,488 | 5,000 | 50,000 | 4,000 | 1,000 | 60,000 |
| 336 Mexico* | 1,284,935 | 2,661,404 | 2,000 | 25,000 | 400 | 600 | 28,000 |
| 337 Moberly | 1,245,000 | 3,735,000 | | | | 2,000 | 59,700 |
| 338 Nevada | 1,224,893 | 3,674,679 | 32,000 | 30,000 | 5,000 | 1,800 | 68,800 |
| 339 Rich Hill | 650,000 | 1,950,000 | 2,500 | 17,000 | 1,300 | 75 | 20,875 |
| 340 St. Charles | 1,913,115 | 2,869,673 | 20,000 | (30,000) | | 3,000 | 57,000 |
| 341 St. Joseph | 18,000,000 | 560,000,000 | 150,000 | 195,000 | 30,000 | 2,000 | 377,000 |
| 342 St. Louis | 224,839,700 | 337,259,550 | 723,013 | (2,654,027) | | | 3,382,040 |
| 343 Sedalia* | 3,350,000 | 10,000,000 | 35,000 | 75,000 | 10,000 | 1,000 | 121,000 |
| 344 Springfield | 5,021,823 | 5,021,823 | 34,480 | 66,592 | 8,000 | 250 | 109,322 |
| 345 Trenton | 1,049,332 | 1,748,886 | 4,500 | 45,000 | 2,000 | 300 | 51,800 |
| 346 Warrensburg* | 900,000 | 61,350,000 | | | | | 15,000 |
| 347 Washington* | 560,500 | 6840,000 | 400 | 10,000 | 300 | 200 | 10,900 |
| MONTANA. | | | | | | | |
| 348 Butte City | 10,000,000 | 15,000,000 | (77,000) | | (7,500) | | 84,500 |
| NEBRASKA. | | | | | | | |
| 349 Beatrice | 1,300,000 | 6,500,000 | | 117,000 | 4,200 | 800 | 122,000 |
| 350 Fremont | | | 30,000 | 50,000 | 5,000 | 1,000 | 86,000 |
| 351 Grand Island | 1,122,000 | 5,610,000 | 50,800 | 73,900 | 2,430 | 1,200 | 128,330 |
| 352 Hastings | 1,250,000 | 7,250,000 | 30,000 | 75,000 | 7,500 | 500 | 113,000 |
| 353 Kearney | 1,349,498 | 4,048,494 | 60,000 | 55,000 | 5,000 | 300 | 120,300 |
| 354 Lincoln | 5,600,000 | 33,600,000 | 200,000 | 215,000 | 18,000 | 3,500 | 433,500 |
| 355 Nebraska City | 1,048,677 | 1,048,677 | 18,000 | 60,000 | 3,000 | 1,000 | 82,000 |
| 356 Omaha | 20,726,000 | 62,178,000 | 600,000 | 500,000 | 37,500 | 16,000 | 1,153,500 |
| 357 Plattsmouth | 1,643,050 | 65,000,000 | 3,000 | 50,000 | 3,000 | 2,000 | 58,000 |
| NEVADA. | | | | | | | |
| 358 Carson City | 979,120 | 1,087,911 | 1,100 | 14,900 | 2,786 | 642 | 19,428 |
| 359 Eureka | | | 2,000 | 15,000 | 2,000 | 300 | 19,300 |
| 360 Gold Hill | c572,000 | c850,000 | 3,000 | 12,000 | 1,000 | 515 | 16,515 |
| 361 Virginia City | 1,500,000 | 3,000,000 | 2,000 | 25,000 | 2,500 | 500 | 30,000 |
| NEW HAMPSHIRE. | | | | | | | |
| 362 Concord | | | | | | | |
| 363 Dover* | 8,130,130 | 8,130,130 | 4,000 | 135,000 | 2,000 | 1,000 | 142,000 |
| 364 Keene | | | | | | 1,400 | 94,000 |
| 365 Manchester | 22,162,928 | 22,162,928 | | | | | c350,000 |
| 366 Nashua | 9,933,293 | 9,933,293 | 25,000 | 193,395 | 4,000 | 10,000 | 232,395 |
| 367 Portsmouth | 6,944,097 | 6,944,097 | | | | | 37,800 |
| 368 Rochester | 2,984,120 | 2,984,120 | 6,147 | 46,787 | 1,866 | 580 | 55,380 |
| NEW JERSEY. | | | | | | | |
| 369 Atlantic City | | | 40,000 | 50,000 | 7,000 | 1,500 | 98,500 |
| 370 Bayonne | 8,500,000 | 17,000,000 | 22,000 | 128,000 | 7,000 | 300 | 157,300 |
| 371 Bordentown* | | | | | | | 15,500 |
| 372 Bridgeton* | | | | | | | 3,000 |
| 373 Burlington* | | | | | | | 36,000 |
| 374 Camden | 18,000,000 | 24,000,000 | 75,000 | 300,000 | 15,000 | 3,000 | 393,000 |
| 375 Elizabeth | 13,337,450 | 13,337,450 | (180,000) | | 11,000 | 2,000 | 193,000 |
| 376 Gloucester City | 1,900,000 | 3,800,000 | 12,000 | 18,000 | 2,000 | | 32,000 |
| 377 Hackensack | 1,550,000 | 4,650,000 | | | | | 64,000 |
| 378 Harrison | | | | | | | 15,000 |
| 379 Hoboken | | | | | | | c137,500 |
| 380 Jersey City | 72,500,000 | 72,500,000 | (628,000) | | 23,700 | 14,000 | 665,700 |
| 381 Lambertville* | 1,800,000 | 2,250,000 | 3,000 | 17,000 | | 2,000 | 22,000 |
| 382 Long Branch | | | 10,000 | 120,000 | 3,000 | 1,500 | 134,500 |
| 383 Millville* | 2,960,000 | 3,946,666 | 7,500 | 40,000 | 12,000 | 500 | 60,000 |
| 384 Montclair | 2,560,250 | 5,760,563 | 14,000 | 65,000 | 4,000 | 5,000 | 88,000 |
| 385 Morristown* | 5,000,000 | 10,000,000 | 8,000 | 59,700 | 2,000 | 300 | 70,000 |
| 386 Mount Holly | 2,000,000 | 3,000,000 | (15,000) | | 3,200 | 2,300 | 20,500 |

* Statistics of 1887-88.

a Receipts from county taxes are included in column 9.

schools of cities and villages containing over 4,000 inhabitants—Continued.

| Receipts for the school year 1888-89. | | | | | | Receipts from loans and bond sales. | Balance on hand from last school year (1887-88). | Total sum available for use during the year. | |
|---------------------------------------|------------------------------------|------------------------------|--------------------|-------------------------|-----------|-------------------------------------|--------------------------------------------------|----------------------------------------------|-----|
| From State apportionment or taxes. | From city appropriations or taxes. | From county and other taxes. | From tuition fees. | From all other sources. | Total. | 15 | 16 | 17 | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| \$1,842 | \$3,025 | \$800 | \$14 | ..... | \$5,681 | 0 | 0 | \$5,681 | 333 |
| 2,564 | 12,987 | 699 | 883 | ..... | 17,133 | 0 | \$6,615 | 23,748 | 334 |
| 2,121 | 10,018 | 340 | 212 | \$103 | 12,797 | 0 | 6,000 | 18,797 | 335 |
| 1,847 | ..... | 8,071 | 361 | ..... | 10,279 | ..... | 1,075 | 11,354 | 336 |
| 4,155 | 1,549 | 10,147 | 403 | 103 | 16,357 | 0 | 1,544 | ..... | 337 |
| 3,597 | 12,015 | 11 | 252 | 0 | 15,875 | 0 | 3,055 | 18,930 | 338 |
| 3,084 | ..... | 6,833 | ..... | ..... | 9,917 | \$7,000 | 4,449 | 21,365 | 339 |
| a2,760 | 1,889 | (a) | 85 | 1,024 | 5,758 | 1,312 | 949 | 8,019 | 340 |
| a25,690 | 68,987 | (a) | 18,880 | 113,557 | 100,000 | 0 | 0 | 213,557 | 341 |
| 98,102 | 878,361 | 23,571 | 608 | 84,805 | 1,085,447 | 0 | 147,785 | 1,233,232 | 342 |
| 3,353 | ..... | 25,061 | 290 | ..... | 28,704 | ..... | 861 | 29,565 | 343 |
| 5,169 | ..... | 22,573 | 500 | ..... | 28,042 | 0 | 6,799 | 35,041 | 344 |
| ..... | ..... | ..... | ..... | ..... | 16,049 | ..... | 1,386 | ..... | 345 |
| 2,414 | 5,610 | ..... | ..... | ..... | ..... | ..... | 2,080 | ..... | 346 |
| 2,068 | 1,965 | 723 | 130 | ..... | 4,886 | ..... | 169 | 5,055 | 347 |
| ..... | ..... | 39,125 | ..... | 8,054 | 47,179 | ..... | 9,222 | ..... | 348 |
| (19,869) | ..... | 5,321 | 140 | 84 | 25,414 | 22,265 | 4,789 | 52,468 | 349 |
| 2,409 | 11,000 | 0 | 167 | 8,000 | 21,576 | ..... | 0 | ..... | 350 |
| 2,829 | 11,118 | 13,871 | 63 | 0 | 27,881 | 0 | 9,512 | 37,393 | 351 |
| 3,090 | 8,910 | 16,008 | 48 | 0 | 28,056 | 0 | 8,581 | 36,637 | 352 |
| 2,477 | 17,359 | ..... | ..... | 4,000 | 23,836 | 10,050 | 9,560 | 43,446 | 353 |
| 11,693 | 37,333 | 3,762 | 29 | 235 | ..... | ..... | 35,852 | 134,967 | 354 |
| 5,132 | 12,600 | ..... | ..... | 15 | 17,747 | 20,545 | 16,540 | 54,832 | 355 |
| 26,845 | (312,672) | ..... | 276 | 949 | 340,742 | 0 | 187,767 | 528,509 | 356 |
| 2,562 | 8,894 | 172 | 35 | 198 | 11,861 | 0 | 7,305 | 19,167 | 357 |
| 3,991 | ..... | 6,248 | 15 | ..... | 10,254 | 0 | 0 | 10,254 | 358 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 359 |
| 4,765 | ..... | 6,129 | ..... | ..... | 10,894 | ..... | ..... | ..... | 360 |
| 9,500 | ..... | 20,500 | ..... | ..... | 30,000 | 0 | 0 | 30,000 | 361 |
| 17,688 | 10,612 | 0 | 654 | 6,176 | 35,130 | 0 | 974 | 36,104 | 362 |
| 1,286 | 27,087 | 0 | 163 | 24 | 28,560 | 0 | 27 | 28,587 | 363 |
| 12,579 | 4,575 | ..... | 60 | 1,266 | 18,480 | 0 | 0 | 18,480 | 364 |
| ..... | 60,360 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 365 |
| 1,754 | 35,850 | 1,220 | 161 | ..... | 38,985 | 0 | 68 | 39,053 | 366 |
| 1,267 | 23,500 | 421 | 213 | 0 | 25,401 | ..... | 0 | ..... | 367 |
| 650 | 7,500 | 5,433 | 248 | 31 | 13,862 | 0 | 2 | 13,864 | 368 |
| 9,491 | 15,723 | ..... | ..... | ..... | ..... | 16,000 | 3,652 | ..... | 369 |
| 17,913 | 24,800 | ..... | ..... | 58 | 42,711 | ..... | 40,825 | 83,536 | 370 |
| 8,565 | 1,600 | ..... | ..... | ..... | 10,165 | 0 | ..... | 10,165 | 371 |
| 10,915 | 9,000 | ..... | ..... | ..... | 19,915 | 0 | ..... | 19,915 | 372 |
| 9,943 | 600 | ..... | ..... | ..... | 10,543 | 0 | ..... | 10,543 | 373 |
| 56,554 | 90,000 | 0 | 0 | 13 | 146,567 | 26,641 | 37,358 | 210,566 | 374 |
| 48,809 | 16,000 | ..... | ..... | 35 | 64,844 | 20,000 | 8,968 | 93,812 | 375 |
| 6,500 | 2,235 | ..... | ..... | ..... | 8,735 | ..... | ..... | ..... | 376 |
| 6,236 | 10,900 | ..... | 1,500 | ..... | ..... | ..... | 1,737 | ..... | 377 |
| 10,000 | 2,300 | ..... | ..... | ..... | 12,300 | 0 | 0 | 12,300 | 378 |
| 54,985 | 36,000 | 2,168 | ..... | 100 | 93,253 | ..... | ..... | 93,253 | 379 |
| 236,184 | 43,000 | 0 | 0 | 0 | 279,184 | 0 | 0 | 279,184 | 380 |
| 5,260 | 1,200 | 365 | ..... | 138 | 6,963 | ..... | 306 | 7,269 | 381 |
| 17,276 | 3,500 | 802 | 500 | 416 | 22,494 | 0 | 570 | ..... | 382 |
| 8,908 | 17,091 | ..... | ..... | 104 | 26,103 | ..... | ..... | 26,103 | 383 |
| 8,158 | 23,770 | ..... | 439 | 1,016 | 33,383 | 3,500 | 1,435 | 38,318 | 384 |
| 8,781 | 11,500 | ..... | 473 | 488 | 19,242 | ..... | 4,826 | 24,068 | 385 |
| 6,262 | 3,000 | 331 | ..... | ..... | 9,593 | ..... | 140 | ..... | 386 |

b Estimated.

c In 1887-88.

TABLE 18.—Statistics for 1888-89 of property and receipts of public

| City. | Total taxable property in the city. | | Estimated actual value of public property used for school purposes. | | | | |
|-------------------------|-------------------------------------|--------------------------------------|---------------------------------------------------------------------|-------------------------|-------------|--------------------------|------------|
| | Assessed value. | Cash value, based on the assessment. | Grounds. | Buildings and fixtures. | Furniture. | Libraries and apparatus. | Total. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| NEW JERSEY—continued. | | | | | | | |
| 387 New Brunswick.. | \$6,006,195 | \$15,015,483 | | | | | \$138,000 |
| 388 Newark | 100,415,000 | 125,518,750 | \$334,000 | | (\$985,975) | | 1,319,975 |
| 389 Orange | 5,709,200 | 11,418,500 | | | | \$3,000 | 130,000 |
| 390 Passaic | 3,875,633 | 3,875,633 | 19,200 | \$65,500 | 6,300 | 600 | 91,600 |
| 391 Paterson | 25,000,000 | 37,500,000 | 37,652 | | (333,788) | 3,000 | 374,440 |
| 392 Perth Amboy * | | | | | | | 35,000 |
| 393 Phillipsburgh .. | 2,700,000 | 2,700,000 | 10,500 | 25,700 | 3,500 | 1,300 | 41,000 |
| 394 Plainfield | 5,750,000 | 10,454,545 | 15,000 | 137,000 | 10,000 | 3,000 | 165,000 |
| 395 Rahway | | | | | | | 25,000 |
| 396 Salem | 3,365,332 | 5,047,908 | 9,600 | 21,500 | 1,980 | 595 | 33,675 |
| 397 Trenton | 25,000,000 | 37,500,000 | | | | | 280,000 |
| 398 Woodbury * | | | | | | 900 | 25,800 |
| - NEW YORK. | | | | | | | |
| 399 Albany | 67,713,455 | 67,713,455 | 175,000 | 656,000 | 20,000 | 7,000 | 858,000 |
| 400 Albion | 2,046,665 | 2,046,665 | 11,500 | 33,000 | 1,500 | 2,487 | 48,487 |
| 401 Amsterdam | | | 43,000 | 42,000 | 6,000 | 1,300 | 92,300 |
| 402 Auburn | 11,171,793 | 16,757,690 | 75,000 | 180,000 | 14,000 | 3,500 | 272,500 |
| 403 Batavia | 3,300,000 | 6,600,000 | 10,500 | 134,500 | 6,357 | 10,000 | 161,357 |
| 404 Binghamton | 15,976,730 | 15,976,730 | 56,831 | 194,687 | 12,544 | 9,995 | 274,057 |
| 405 Brockport | 1,694,147 | 2,541,221 | 6,000 | | (6,500) | | 12,500 |
| 406 Brooklyn | 407,454,028 | 582,077,183 | 970,923 | 4,185,542 | | 35,000 | 5,191,465 |
| 407 Buffalo | 119,876,145 | 119,876,145 | 259,450 | | (1,169,260) | 34,023 | 1,562,733 |
| 408 Canandaigua | 4,193,895 | 4,193,895 | 15,000 | 50,000 | 3,200 | 1,965 | 70,165 |
| 409 Catskill | 2,839,270 | 2,831,270 | 3,600 | 30,000 | 2,000 | 1,000 | 36,000 |
| 410 Cohoes | 11,000,000 | 11,000,000 | 41,000 | 70,000 | | (3,025) | 114,025 |
| 411 College Point | 875,000 | 2,625,000 | 5,000 | 14,000 | 2,000 | 500 | 21,500 |
| 412 Cortland | 1,851,147 | 62,700,000 | 7,000 | 15,000 | | | 22,000 |
| 413 Dansville | 1,250,000 | 1,250,000 | 1,600 | 26,000 | 1,400 | 2,053 | 31,053 |
| 414 Dunkirk | 62,000,000 | 63,000,000 | 30,000 | 84,000 | 5,000 | 3,000 | 122,000 |
| 415 Elmira | 12,982,319 | 12,982,319 | 80,000 | 255,000 | 20,000 | 3,500 | 358,500 |
| 416 Flushing | 2,118,967 | 5,297,418 | 14,250 | 58,000 | 6,000 | 2,750 | 81,000 |
| 417 Fulton | 2,250,000 | 3,000,000 | 4,600 | 60,000 | 1,000 | 3,000 | 68,000 |
| 418 Geneva | 4,273,053 | 5,698,204 | 6,000 | 40,000 | 600 | 2,518 | 49,118 |
| 419 Gloversville | | | | | | | 1,295 |
| 420 Green Island | 1,792,790 | 1,792,790 | 7,000 | 25,000 | 4,500 | 1,500 | 38,000 |
| 421 Haverstraw | 1,235,956 | 1,235,956 | 4,000 | 23,000 | | | 71,000 |
| 422 Hoosick Falls * | 2,540,727 | 3,000,000 | 7,984 | 47,000 | 7,500 | 1,500 | 63,984 |
| 423 Hornellsville | 4,799,290 | 7,198,935 | 15,000 | | | | 58,000 |
| 424 Hudson | 5,683,995 | 5,683,995 | 12,000 | 33,000 | 3,700 | 3,538 | 52,288 |
| 425 Ilion * | 1,125,240 | 1,125,240 | 5,000 | 18,000 | 3,000 | 4,000 | 20,000 |
| 426 Ithaca | 2,930,077 | 7,325,193 | 40,000 | 95,000 | 5,000 | 2,500 | 142,500 |
| 427 Jamaica * | | | | | | | |
| 428 Jamestown | 3,651,962 | 65,500,000 | 46,850 | 98,100 | 2,575 | 4,755 | 152,280 |
| 429 Johnstown | 2,337,273 | 5,843,132 | 16,000 | 50,000 | 5,000 | | 71,000 |
| 430 Kingston | 6,146,048 | 6,146,048 | 51,000 | 126,000 | 7,000 | 3,600 | 187,600 |
| 431 Lansingburgh | 5,600,000 | 5,600,000 | 10,000 | 60,000 | 3,000 | 2,000 | 75,000 |
| 432 Little Falls | 1,274,525 | 1,274,525 | 50,000 | 50,000 | 2,000 | 4,500 | 106,500 |
| 433 Lockport | 6,173,717 | 9,260,576 | 45,000 | | (89,000) | 3,500 | 137,500 |
| 434 Long Island City * | 9,143,343 | 27,000,000 | 12,000 | 70,000 | 3,000 | 2,000 | 87,000 |
| 435 Lyons | 1,608,246 | 2,412,369 | 4,000 | 11,000 | 400 | 2,400 | 17,800 |
| 436 Malone | 1,993,641 | 3,322,735 | 14,000 | 48,000 | 2,000 | 4,522 | 68,522 |
| 437 Matteawan | 914,728 | 61,400,000 | 2,000 | 15,000 | 2,500 | | 19,500 |
| 438 Medina | 2,075,679 | 3,113,519 | 7,000 | 24,000 | 4,000 | 1,798 | 36,798 |
| 439 Middleton | 2,748,040 | 8,244,120 | 22,000 | 56,500 | 7,000 | 5,850 | 91,350 |
| 440 Mount Vernon | 2,835,000 | 5,670,000 | | | | | 127,500 |
| 441 New Brighton | 3,429,161 | 13,716,644 | 13,200 | 70,000 | | | 83,200 |
| 442 New Rochelle | 1,000,000 | 64,000,000 | | | | | 85,000 |
| 443 New York | 1,331,578,291 | 1,331,578,291 | 5,043,200 | 8,597,500 | 593,775 | 324,290 | 14,538,765 |
| 444 Newburgh | 9,328,170 | 31,093,900 | 30,000 | 200,000 | 10,000 | 25,500 | 265,500 |
| 445 Norwich | | | | | | | 60,000 |
| 446 Ogdensburg | 1,763,035 | 1,652,082 | | (96,888) | | | |
| 447 Olean | 1,008,223 | 63,000,000 | 19,000 | 70,000 | | 2,600 | |
| 448 Oswego | 9,379,844 | 9,379,844 | 27,140 | 136,090 | 7,000 | 7,493 | 177,723 |
| 449 Owego * | | | | | | | |
| 450 Peekskill | 2,339,407 | 3,899,011 | 13,000 | 48,000 | 2,000 | 1,300 | 64,300 |

* Statistics of 1887-88.

a Estimated.

b In 1887-88.

schools of cities and villages containing over 4,000 inhabitants—Continued.

| Receipts for the school year 1888-89. | | | | | | Receipts from loans and bond sales. | Balance on hand from last school year (1887-88). | Total sum available for use during the year. |
|---------------------------------------|------------------------------------|------------------------------|--------------------|-------------------------|-----------|-------------------------------------|--------------------------------------------------|----------------------------------------------|
| From State apportionment or taxes. | From city appropriations or taxes. | From county and other taxes. | From tuition fees. | From all other sources. | Total. | | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| \$21,206 | \$15,273 | | \$762 | \$3 | \$37,244 | 0 | \$1,905 | \$39,149 |
| 294,376 | 134,200 | | 0 | 9,434 | 438,010 | \$40,000 | 32,075 | 510,085 |
| 31,620 | 5,000 | | 585 | 48 | 37,253 | 17,704 | 839 | 55,796 |
| 13,071 | 21,189 | | | | 34,260 | 0 | 0 | 34,260 |
| 79,754 | 63,691 | | | 214 | 143,659 | 0 | 4,561 | 148,220 |
| 6,970 | 2,575 | | | | 9,545 | 0 | | 9,545 |
| 15,141 | 6,217 | 0 | | 115 | 21,587 | 0 | 686 | 22,273 |
| 687 | 33,099 | \$13,006 | 1,212 | 104 | 48,108 | 35,000 | 489 | 83,597 |
| 8,724 | 6,500 | | | | 15,224 | | 1,707 | 16,931 |
| 8,476 | 5,804 | 0 | 799 | 588 | 15,667 | 0 | 7,643 | 23,310 |
| 78,668 | 36,125 | | | | 114,818 | 0 | 25,144 | 139,932 |
| 6,863 | 6,500 | | | | 13,363 | | 251 | 398 |
| 52,223 | 220,170 | 0 | 1,220 | 33,788 | 367,401 | 0 | 81,504 | 388,905 |
| 4,801 | 6,500 | 0 | 1,316 | 12 | 12,629 | 0 | 0 | 12,629 |
| 15,439 | 59,809 | 0 | 906 | 166 | 76,319 | 0 | 10,217 | 86,536 |
| 5,414 | 16,705 | | 552 | 4,010 | 26,681 | 0 | | 26,681 |
| 13,908 | 52,920 | 0 | 1,570 | 145 | 68,543 | 0 | 4,105 | 72,648 |
| 1,106 | 1,208 | | 51 | | 2,550 | | 384 | 2,934 |
| 331,891 | | | | 33,321 | | | 857,451 | 2,858,749 |
| 98,935 | 532,906 | | | | 631,841 | 254,078 | 239,097 | 1,125,016 |
| 3,300 | 11,759 | 0 | 812 | 1,026 | 16,897 | 0 | 84 | 16,981 |
| 3,097 | 5,195 | | 90 | | 8,382 | 0 | 1,200 | 9,582 |
| 12,005 | | | | 524 | 12,529 | 7,000 | 26,720 | 46,258 |
| 2,815 | 5,040 | | | | 7,855 | 0 | 1,655 | 9,510 |
| 2,873 | | | | 800 | 3,678 | | 6,737 | 10,410 |
| 1,964 | 5,747 | | 554 | 622 | 8,887 | | 2,331 | 11,218 |
| 6,837 | 20,000 | | | | 26,837 | 0 | 4,020 | 30,858 |
| 15,550 | 53,584 | 0 | 1,032 | 78 | 70,224 | 0 | 4,131 | 74,355 |
| 4,216 | 15,892 | 0 | 1,520 | 1,448 | 23,076 | 0 | 0 | 23,076 |
| 3,100 | 16,000 | | 1,260 | 670 | 20,970 | 0 | 1,133 | 22,103 |
| 4,060 | 8,579 | 0 | 768 | 467 | 13,854 | 0 | 5,965 | 19,819 |
| | | | 326 | | | | | 419 |
| 3,080 | 9,142 | | 4 | | 12,226 | | 2,085 | 14,311 |
| 2,282 | 8,343 | | | 82 | 10,707 | 0 | 1,525 | 12,232 |
| 4,909 | 17,464 | | 463 | 0 | 22,236 | 0 | 0 | 22,236 |
| 7,891 | 28,387 | 0 | 200 | | 36,478 | 0 | 5,582 | 42,060 |
| 5,680 | 7,000 | | 84 | 387 | 13,151 | 0 | 8,890 | 22,041 |
| 3,208 | 9,750 | 0 | 393 | 809 | 14,160 | 0 | 2,469 | 16,629 |
| 9,521 | 20,177 | | 2,861 | 147 | 32,206 | 0 | 1,493 | 33,699 |
| 2,236 | 6,613 | | 525 | 388 | 9,762 | | 2,683 | 12,445 |
| 10,041 | 36,899 | 0 | 1,507 | 209 | 48,656 | 0 | 2,250 | 50,906 |
| 4,853 | | | 115 | 35,549 | 40,522 | 0 | 270 | 40,792 |
| 7,051 | 19,281 | | 1,159 | 1,507 | 28,998 | 0 | 4,934 | 33,932 |
| 6,797 | 14,757 | 60 | 20 | 50 | 21,684 | 22,587 | 2,821 | 47,092 |
| 5,203 | | 13,288 | 414 | 1,058 | 20,401 | 22,000 | 438 | 42,401 |
| 8,898 | 22,000 | 150 | 2,789 | 172 | 34,009 | 68,419 | 9,000 | 111,428 |
| 11,565 | 44,464 | 0 | 0 | 958 | 54,017 | 3,903 | 22,571 | 83,491 |
| 3,256 | 6,268 | | 434 | 472 | 10,430 | 0 | 2,725 | 13,155 |
| 5,804 | 15,737 | 0 | 1,105 | 27 | 22,173 | 0 | 773 | 22,946 |
| 2,433 | 4,042 | | | | 6,475 | 0 | 614 | 7,089 |
| 4,697 | 6,100 | 0 | 800 | 0 | 11,597 | 0 | 2,490 | 14,087 |
| 6,866 | 14,985 | 0 | 976 | 1,924 | 24,751 | 0 | 20,123 | 44,875 |
| 6,925 | 40,416 | | | 1,588 | 48,929 | 0 | 54,000 | 102,929 |
| 7,381 | 36,333 | | | 5,232 | 48,946 | 0 | 5,831 | 54,777 |
| 3,894 | 17,511 | | 162 | 824 | 21,391 | 22,500 | 10,024 | 53,915 |
| 684,094 | 4,430,773 | | | | 5,114,867 | | | 443 |
| 12,197 | 45,451 | | 810 | 1,260 | 59,718 | 0 | 4,889 | 64,607 |
| 6,011 | 18,453 | | | 3,385 | 27,849 | 0 | 16,953 | 44,803 |
| 6,234 | 18,368 | | 520 | 284 | 25,406 | 0 | 15,094 | 40,500 |
| 13,186 | 30,900 | 0 | 260 | 643 | 44,989 | 0 | 1,543 | 46,532 |
| 5,570 | 14,000 | 0 | 736 | 493 | 20,798 | | 3,668 | 24,467 |
| 4,329 | 15,746 | | 217 | 251 | 20,543 | 0 | 0 | 20,543 |

c Destroyed by fire February 1, 1889.

d These figures refer to the Kingston school district, which embraces only about one-half of the entire city.

TABLE 18.—Statistics for 1888-89 of property and receipts of public

| City. | Total taxable property in the city. | | Estimated actual value of public property used for school purposes. | | | | |
|---------------------------|-------------------------------------|--------------------------------------|---------------------------------------------------------------------|-------------------------|------------|--------------------------|-----------|
| | Assessed value. | Cash value, based on the assessment. | Grounds. | Buildings and fixtures. | Furniture. | Libraries and apparatus. | Total. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| NEW YORK—continued. | | | | | | | |
| 451 Penn Yan..... | \$1,779,613 | \$3,559,226 | \$4,500 | \$12,000 | \$1,500 | \$2,613 | \$20,613 |
| 452 Plattsburgh..... | 1,391,047 | 3,477,618 | 5,500 | 80,000 | 5,000 | 1,500 | 71,500 |
| 453 Port Chester..... | 1,241,460 | 3,890,000 | 10,000 | 25,000 | 4,500 | 1,750 | 41,250 |
| 454 Port Jervis..... | 1,372,361 | 3,817,083 | 21,500 | 51,500 | 4,000 | 5,800 | 82,850 |
| 455 Poughkeepsie..... | 11,639,490 | 16,629,843 | 23,600 | 104,405 | 6,700 | 21,786 | 156,491 |
| 456 Rochester..... | 88,197,775 | 88,197,775 | 140,000 | 550,000 | 50,000 | 22,000 | 762,000 |
| 457 Rome..... | | | (74,000) | | | | |
| 458 Saratoga Springs..... | 4,101,000 | 6,000,000 | 36,000 | 65,000 | 2,500 | 3,000 | 105,500 |
| 459 Schenectady..... | | | (94,000) | | | | |
| 460 Seneca Falls*..... | | | 9,000 | 35,000 | 2,200 | 2,040 | 48,240 |
| 461 Sing Sing..... | 1,843,700 | 5,546,100 | 8,500 | 19,000 | 3,000 | 1,150 | 31,650 |
| 462 Syracuse..... | 37,990,546 | 37,990,546 | 218,000 | 725,000 | 40,000 | 45,000 | 1,028,000 |
| 463 Tarrytown*..... | 2,627,293 | 2,627,293 | | | | | 17,000 |
| 464 Tonawanda*..... | 1,000,000 | 3,000,000 | 2,500 | 18,000 | 1,300 | 1,600 | 23,400 |
| 465 Troy*..... | 47,847,230 | 47,847,230 | 80,000 | 359,000 | | | |
| 466 Utica*..... | 18,119,325 | 25,000,000 | 93,121 | 231,753 | 26,632 | 28,339 | 279,845 |
| 467 Waterloo..... | 2,019,916 | 2,885,594 | 3,250 | 25,500 | | | 28,750 |
| 468 Watertown..... | 5,500,000 | 8,250,000 | 10,000 | 104,000 | 5,000 | 5,000 | 120,000 |
| 469 West Troy..... | 3,721,094 | 3,721,094 | 9,000 | 23,000 | | 2,240 | 34,240 |
| 470 Whitehall..... | | | 5,000 | 13,000 | 2,000 | 1,680 | 21,680 |
| 471 Yonkers..... | 21,860,371 | 21,860,371 | 39,625 | 173,200 | 10,000 | 9,500 | 232,325 |
| NORTH CAROLINA. | | | | | | | |
| 472 Asheville..... | | | 8,500 | 20,000 | 4,000 | 700 | 33,200 |
| 473 Durham..... | 3,146,949 | 4,185,732 | | | 500 | 250 | 750 |
| 474 Fayetteville..... | 1,159,969 | | 2,500 | 5,500 | 300 | 100 | 8,400 |
| 475 Goldsborough..... | 1,817,000 | 3,028,333 | 3,000 | 7,000 | 2,000 | 500 | 12,500 |
| 476 Greensborough..... | 1,500,000 | 2,250,000 | 3,500 | 14,500 | 600 | | 18,600 |
| 477 New Berne..... | 1,200,000 | 1,800,000 | 2,500 | 3,500 | 500 | | 6,500 |
| 478 Raleigh..... | 5,379,000 | | (55,000) | | 2,800 | 10 | 57,810 |
| 479 Reidsville*..... | 1,250,000 | 2,000,000 | 1,200 | 1,500 | 500 | 25 | 3,225 |
| 480 Winston*..... | | | (35,000) | | 3,500 | 4,000 | 42,500 |
| OHIO. | | | | | | | |
| 481 Akron..... | 10,467,618 | 15,701,427 | 140,000 | 270,000 | 85,000 | 15,000 | 510,000 |
| 482 Alliance..... | 1,885,160 | 5,655,480 | 15,000 | 85,000 | 5,500 | 1,500 | 107,000 |
| 483 Ashtabula..... | 1,500,000 | 4,500,000 | 13,000 | 47,000 | 1,500 | 750 | 62,250 |
| 484 Bellaire*..... | 2,948,966 | 4,500,000 | | | | | |
| 485 Bellefontaine..... | 2,000,000 | 3,000,000 | | | | | 50,000 |
| 486 Bucyrus..... | 2,567,890 | 4,279,815 | 16,000 | 80,000 | 3,000 | 1,100 | 100,100 |
| 487 Canton..... | | 15,000,000 | | | | | |
| 488 Chillicothe..... | 5,698,666 | 5,698,666 | (130,000) | | (20,000) | | 150,000 |
| 489 Cincinnati..... | 175,000,000 | 175,000,000 | 2,000,000 | 1,000,000 | 50,000 | 2,000 | 3,052,000 |
| 490 Circleville..... | 3,788,418 | 6,304,030 | 25,000 | 80,000 | 5,000 | 2,000 | 112,000 |
| 491 Cleveland..... | 97,000,000 | 161,666,667 | 850,000 | 2,100,000 | 225,000 | 60,000 | 3,235,000 |
| 492 Columbus..... | 40,000,000 | 80,000,000 | 317,000 | 786,550 | 38,250 | 30,000 | 1,171,900 |
| 493 Dayton..... | 28,000,000 | 40,000,000 | 300,000 | 400,000 | | | 700,000 |
| 494 Defiance..... | 1,915,527 | 4,256,726 | 25,000 | 50,000 | 6,000 | 1,500 | 82,500 |
| 495 Delaware*..... | | | | | | | 123,800 |
| 496 Delphos*..... | 1,100,000 | 1,650,000 | 3,500 | 30,000 | 2,000 | 1,000 | 36,500 |
| 497 East Liverpool..... | | | | | | | 60,000 |
| 498 Elyria..... | 2,604,979 | 2,604,979 | | | | | 82,500 |
| 499 Findlay*..... | 2,000,000 | 4,000,000 | 18,000 | 75,000 | 8,000 | 500 | 101,500 |
| 500 Fostoria*..... | 1,750,000 | 5,150,000 | 18,000 | 40,000 | 5,000 | 1,500 | 64,500 |
| 501 Fremont..... | 2,500,000 | 3,750,000 | 15,000 | 40,000 | 4,000 | 1,000 | 60,000 |
| 502 Galion..... | 2,178,050 | 2,178,050 | 10,000 | 80,000 | 10,000 | 5,000 | 105,000 |
| 503 Gallipolis..... | 2,142,000 | 2,142,000 | (40,000) | | (2,000) | | 42,000 |
| 504 Greenville..... | | | | | | | |
| 505 Hamilton..... | 6,218,137 | 9,327,206 | 30,000 | 70,000 | 3,000 | 1,000 | 104,000 |
| 506 Ironton..... | 63,373,476 | 65,400,000 | | 130,000 | | | 160,000 |
| 507 Kenton*..... | | | | | | | 61,000 |
| 508 Lancaster..... | 2,800,000 | | 20,000 | 80,000 | 5,000 | 2,000 | 107,000 |
| 509 Lima..... | 3,798,051 | 7,596,162 | (156,000) | | 5,000 | 500 | 161,500 |
| 510 Mansfield*..... | | | | | | | 220,000 |
| 511 Marietta*..... | 2,438,000 | 3,500,000 | 5,000 | 33,000 | 2,500 | 1,000 | 42,100 |
| 512 Marion*..... | | | | | | | 65,000 |
| 513 Martin's Ferry..... | | | | | | | 640,000 |
| 514 Massillon*..... | 3,022,870 | 4,000,000 | | | | | 120,000 |

* Statistics of 1887-88.

a Estimated.

CITY COMMON SCHOOL STATISTICS.

877

schools of cities and villages containing over 4,000 inhabitants—Continued.

| Receipts for the school year 1888-89. | | | | | | Receipts from loans and bond sales. | Balance on hand from last school year (1887-88). | Total sum available for use during the year. |
|---------------------------------------|------------------------------------|------------------------------|--------------------|-------------------------|----------|-------------------------------------|--------------------------------------------------|----------------------------------------------|
| From State apportionment or taxes. | From city appropriations or taxes. | From county and other taxes. | From tuition fees. | From all other sources. | Total. | | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| \$2,926 | | \$5,490 | \$1,186 | \$913 | \$10,515 | 0 | \$7 | \$10,522 |
| 7,466 | \$12,819 | | 1,336 | 27 | 21,648 | \$2,080 | 1,835 | 23,564 |
| 2,116 | 11,976 | | 372 | 73 | 14,537 | 5,000 | 368 | 19,905 |
| 8,452 | 17,208 | 0 | 396 | 360 | 24,416 | 9,254 | 11,918 | 47,588 |
| 15,010 | 33,950 | | | 1,402 | 48,362 | 0 | 19,178 | 67,540 |
| 55,997 | 255,000 | | 1,783 | 5,909 | 318,689 | 0 | 15,329 | 334,018 |
| 6,085 | 15,982 | | | 1,893 | 24,860 | 0 | 1,972 | 26,832 |
| 9,218 | 39,575 | 0 | 448 | 1,070 | 50,311 | 0 | 30,486 | 80,797 |
| 8,856 | 19,576 | | | | 28,432 | | 0 | 28,432 |
| 5,881 | (10,148) | | 361 | 881 | 17,272 | 0 | 19,352 | 36,624 |
| 4,748 | 21,556 | | 262 | 23,501 | 50,067 | 0 | 26,754 | 76,821 |
| 46,762 | 185,287 | | 1,293 | | 233,342 | 0 | 137,230 | 370,572 |
| | | | | | 7,771 | | 1,408 | |
| 2,356 | 3,000 | 0 | 0 | 21 | 5,377 | 0 | 1,788 | 7,165 |
| 32,936 | 91,889 | | | 2,859 | 127,684 | 0 | 63,412 | 193,093 |
| 23,093 | 67,000 | 0 | 1,287 | 1,308 | 92,688 | 0 | 7,651 | 100,339 |
| 3,101 | | 8,093 | 686 | 384 | 12,264 | 0 | 980 | 13,244 |
| 9,359 | 30,000 | 98 | 507 | 325 | 40,289 | 0 | 0 | 40,289 |
| 6,401 | 10,535 | | 36 | | 16,972 | 0 | 874 | 17,846 |
| 2,922 | 6,725 | | 44 | 319 | 10,010 | 0 | 479 | 10,489 |
| 11,271 | 69,146 | | 110 | 303 | 80,836 | 34,860 | 6,268 | 121,964 |
| | | | | | | | | |
| 2,200 | 12,500 | | 150 | 2,500 | 17,350 | 800 | 0 | 18,150 |
| 2,452 | 6,291 | | 300 | | | | | |
| (2,445) | | | 200 | 1,600 | 4,245 | 0 | 0 | 4,245 |
| | 5,906 | 2,322 | | | 8,228 | 0 | 0 | 8,228 |
| | 2,400 | 1,363 | 50 | 250 | 4,013 | 0 | 0 | 4,013 |
| | | | | | | | | |
| 4,548 | (7,106) | | 39 | | 11,693 | 0 | 1,079 | 12,772 |
| 0 | 1,566 | 1,575 | 105 | 1,012 | 4,258 | 850 | 32 | 5,140 |
| | | | | | 14,500 | | | |
| | | | | | | | | |
| 11,946 | 94,044 | 646 | 783 | 12 | 107,431 | 0 | 42,245 | 149,676 |
| 3,060 | 17,209 | | 69 | 708 | 21,046 | | 5,764 | 26,810 |
| 1,446 | 16,802 | 0 | 315 | 32 | 18,595 | 0 | 5,557 | 24,152 |
| | | 9,093 | 6 | 10 | 19,110 | | 12,164 | 31,274 |
| 1,747 | 10,557 | | 113 | 164 | 12,581 | 0 | 7,186 | 19,767 |
| 2,672 | 10,213 | | 164 | 295 | 13,344 | 0 | 5,702 | 19,046 |
| | | | | | | | | |
| 6,352 | 30,054 | | | 1,250 | 37,656 | 0 | 12,571 | 50,227 |
| 116,974 | 735,800 | 1,343 | (35,751) | | 889,863 | 0 | 80,340 | 970,208 |
| 8,542 | 16,939 | 0 | 362 | 397 | 21,240 | 0 | 17,713 | 38,953 |
| 95,807 | 563,264 | 5,293 | 595 | 2,765 | 667,724 | | 0 | 667,724 |
| 40,150 | 223,339 | | 842 | 1,013 | 265,349 | 88,349 | 57,683 | 411,381 |
| 23,972 | 159,475 | 2,205 | 1,422 | 16,000 | 233,074 | | 43,219 | 276,293 |
| 3,357 | 11,031 | 147 | 252 | 1,052 | 15,839 | 0 | 9,165 | 25,004 |
| | | | | | | | | |
| 2,630 | 7,698 | 0 | 164 | 0 | 10,492 | 0 | 6,451 | 16,943 |
| 4,850 | 13,861 | | 79 | | 21,103 | 20,020 | 0 | 41,128 |
| (15,159) | | | 625 | | 15,784 | | 1,265 | |
| | | | | | | | | |
| 1,976 | 346 | 10,668 | 0 | 886 | 13,876 | 0 | 6,011 | 19,887 |
| 3,033 | 17,970 | 0 | 0 | 1,432 | 22,435 | 0 | 5,992 | 28,427 |
| | 14,769 | | 88 | | 14,857 | 0 | 1,905 | 16,762 |
| 2,940 | 14,272 | 433 | 17 | 97 | 17,759 | 0 | 0 | 17,759 |
| | | | | | | | | |
| 8,979 | 43,152 | | 263 | | 52,394 | 0 | 17,327 | 69,721 |
| 5,347 | 21,151 | 481 | 457 | | 27,436 | 16,257 | 22,800 | 66,437 |
| | | | | | | | | |
| 2,902 | 16,542 | | (365) | | 19,835 | 0 | 8,739 | 28,578 |
| 5,437 | 32,811 | 0 | 146 | 294 | 38,688 | 0 | 22,863 | 61,551 |
| | | | | | | | | |
| 1,400 | 4,665 | 6,941 | 53 | 21 | 13,080 | 0 | 7,563 | 20,643 |
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b In 1887-88.

TABLE 18.—Statistics for 1888-89 of property and receipts of public

| City. | Total taxable property in the city. | | Estimated actual value of public property used for school purposes. | | | | |
|------------------------|-------------------------------------|--------------------------------------|---------------------------------------------------------------------|-------------------------|------------|--------------------------|-----------|
| | Assessed value. | Cash value, based on the assessment. | Grounds. | Buildings and fixtures. | Furniture. | Libraries and apparatus. | Total. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| OHIO—continued. | | | | | | | |
| 515 Middletown..... | \$3,609,674 | \$10,829,022 | \$26,000 | \$84,000 | \$3,600 | \$1,200 | \$114,800 |
| 516 Mount Vernon*... | 2,500,000 | 5,000,000 | 6,000 | 74,000 | 2,000 | 1,000 | 83,000 |
| 517 Nelsonville*..... | 750,000 | 2,000,000 | 21,000 | 39,000 | 2,000 | 400 | 62,400 |
| 518 Newark..... | | | 22,000 | 122,000 | | | 155,000 |
| 519 Norwalk..... | a2,684,295 | a5,368,590 | 23,000 | 74,000 | 3,500 | 400 | 100,900 |
| 520 Painesville..... | 2,400,000 | 3,600,000 | | | | | 78,790 |
| 521 Piqua..... | 3,400,000 | 5,100,000 | 15,000 | 100,000 | 3,300 | 1,000 | 119,300 |
| 522 Pomeroy..... | 1,448,648 | 1,448,648 | 16,520 | 46,400 | | | |
| 523 Portsmouth..... | 4,376,885 | 4,376,885 | | | | | 180,000 |
| 524 Salem*..... | | b12,500,000 | | | | | 50,000 |
| 525 Sandusky..... | 6,302,867 | 14,006,260 | (225,000) | | 5,000 | 1,000 | 231,000 |
| 526 Sidney..... | 2,236,560 | 4,478,120 | | | | | 54,000 |
| 527 Springfield*..... | 16,000,000 | b20,000,000 | | | | | 275,000 |
| 528 Steubenville..... | 5,245,990 | 5,245,990 | 25,000 | 105,000 | 15,000 | 6,000 | 151,000 |
| 529 Tiffin..... | 3,258,000 | 6,516,000 | | | | | 125,000 |
| 530 Toledo..... | 31,500,000 | b55,000,000 | (745,000) | | (25,000) | | 770,000 |
| 531 Troy..... | 2,200,000 | 4,400,000 | 21,000 | 80,000 | 1,800 | 3,200 | 106,000 |
| 532 Urbana*..... | 3,618,867 | 6,031,450 | 12,000 | 80,000 | 3,500 | 1,500 | 97,000 |
| 533 Van Wert..... | 1,420,000 | b2,000,000 | 10,000 | 50,000 | 3,000 | | 63,000 |
| 534 Warren*..... | | | | | | | 107,000 |
| 535 Washington C. H. | 2,000,000 | b3,500,000 | 4,000 | 35,000 | 2,500 | 600 | 42,100 |
| 536 Wooster*..... | | | | | | | b130,000 |
| 537 Xenia*..... | 4,000,000 | 4,000,000 | 18,000 | 63,000 | (8,550) | | 89,550 |
| 538 Youngstown..... | 6,400,000 | 16,000,000 | | | | | 250,000 |
| 539 Zanesville*..... | | | | | | | 250,000 |
| OREGON. | | | | | | | |
| 540 Astoria..... | a3,000,000 | a5,000,000 | 50,000 | 40,600 | 10,000 | 500 | 100,500 |
| 541 Portland..... | 15,106,835 | 45,320,505 | 110,200 | 262,000 | 18,000 | 2,400 | 392,600 |
| 542 Salem..... | a1,673,859 | a2,231,812 | 30,000 | 45,000 | 3,000 | 700 | 78,700 |
| PENNSYLVANIA. | | | | | | | |
| 543 Allegheny..... | | | | | | | 1,259,115 |
| 544 Allentown..... | 8,981,014 | 8,981,014 | | | | | 487,600 |
| 545 Altoona..... | 11,500,000 | 11,500,000 | 63,000 | 210,000 | 10,500 | 500 | 284,000 |
| 546 Ashland..... | 1,328,570 | 2,657,140 | 5,000 | 30,600 | 4,000 | 700 | 40,300 |
| 547 Beaver Falls..... | 3,500,000 | 3,500,000 | | | | | 79,000 |
| 548 Bellefonte..... | 1,052,241 | 2,104,482 | 18,000 | 29,600 | 2,000 | 400 | 50,000 |
| 549 Bethlehem*..... | 2,700,000 | b3,500,000 | | | | | 88,461 |
| 550 Bloomsburgh*..... | | | | | | | |
| 551 Braddock*..... | 1,724,045 | 2,176,356 | 6,000 | 45,000 | 2,000 | 1,000 | 54,000 |
| 552 Bradford..... | 1,048,272 | 1,048,272 | 14,000 | 47,000 | 4,000 | 2,000 | 67,000 |
| 553 Bristol..... | 2,108,465 | 3,162,608 | | 35,000 | 1,200 | 300 | 36,500 |
| 554 Butler..... | 1,701,164 | 3,402,328 | 14,000 | 65,000 | 5,000 | 500 | 84,500 |
| 555 Carbondale*..... | 875,000 | 3,000,000 | 10,000 | 20,000 | 3,000 | 800 | 33,800 |
| 556 Carlisle..... | 2,228,282 | b3,300,000 | | | | | 40,000 |
| 557 Chambersburgh..... | 2,000,000 | 3,000,000 | 3,000 | 50,000 | 5,000 | 500 | 58,500 |
| 558 Chester..... | 8,600,000 | 12,900,000 | | | | | 175,000 |
| 559 Columbia..... | 2,634,445 | 3,951,668 | | | 5,000 | 3,800 | 45,000 |
| 560 Connellsville..... | 12,000,000 | 24,000,000 | 4,800 | 20,000 | 3,000 | 250 | 28,050 |
| 561 Conshohocken..... | 2,525,992 | 2,525,992 | | | | | 35,000 |
| 562 Cory..... | 1,340,000 | 1,340,000 | 3,500 | 48,500 | 3,500 | 500 | 56,000 |
| 563 Danville..... | | | | | | | 73,000 |
| 564 Du Bois..... | 472,125 | 472,125 | | | | | 20,500 |
| 565 Dunmore..... | 973,335 | 2,920,005 | | | | | 40,400 |
| 566 Easton*..... | | b15,000,000 | (a227,700) | | a9,600 | a3,000 | a240,300 |
| 567 Erie..... | 14,000,000 | 14,000,000 | | | | | 356,700 |
| 568 Franklin*..... | | | | | | | |
| 569 Greenville..... | b1,000,000 | b1,500,000 | | | | 900 | |
| 570 Harrisburg..... | 6,022,799 | 18,068,397 | (366,394) | | 19,771 | 2,200 | 388,365 |
| 571 Hazleton..... | 1,229,000 | 4,916,000 | 15,000 | 45,000 | 4,500 | 500 | 65,000 |
| 572 Honesdale..... | 667,000 | 2,001,000 | 10,000 | 24,000 | 3,000 | 1,000 | 36,000 |
| 573 Huntingdon..... | | | 10,000 | 50,000 | 5,000 | 1,000 | 66,000 |
| 574 Johnstown*..... | | | | | | | 120,000 |
| 575 Lancaster..... | 13,500,000 | 13,500,000 | | | | | 247,000 |
| 576 Lebanon*..... | 2,000,000 | 8,000,000 | 20,000 | 63,500 | 9,000 | 2,000 | 94,500 |
| 577 Lock Haven..... | b1,700,000 | 68,500,000 | 10,000 | 50,000 | 5,200 | 600 | 65,800 |
| 578 McKeesport..... | 5,000,000 | 10,000,000 | | | | | 146,000 |

* Statistics of 1887-88.

a In 1887-88.

schools of cities and villages containing over 4,000 inhabitants—Continued.

| Receipts for the school year 1888-89. | | | | | | Receipts from loans and bond sales. | Balance on hand from last school year (1887-88). | Total sum available for use during the year. | |
|---------------------------------------|------------------------------------|------------------------------|--------------------|-------------------------|----------|-------------------------------------|--------------------------------------------------|----------------------------------------------|-----|
| From State apportionment or taxes. | From city appropriations or taxes. | From county and other taxes. | From tuition fees. | From all other sources. | Total. | | | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| \$3,286 | \$17,365 | 0 | \$341 | \$517 | \$21,569 | 0 | \$13,455 | \$34,964 | 515 |
| 2,221 | (9,466) | | 0 | 7,155 | 18,842 | 0 | 1,688 | 20,530 | 516 |
| 6,339 | 32,055 | | 624 | 39,018 | 39,018 | \$10,000 | 12,221 | 61,239 | 517 |
| 3,624 | 21,715 | | | 3,695 | 29,035 | 0 | 9,779 | 38,814 | 518 |
| 1,831 | 11,939 | | | 679 | 14,449 | 0 | 21,707 | 36,156 | 519 |
| 4,650 | | \$21,415 | 482 | 103 | 26,650 | 15,525 | 0 | 42,175 | 520 |
| 2,654 | | (7,814) | | 29 | 10,497 | 0 | 2,425 | 12,922 | 521 |
| 6,449 | 21,989 | | (939) | | 29,374 | 0 | 11,093 | 40,467 | 522 |
| | | | | | | | | 28,391 | 523 |
| 9,562 | 41,891 | 517 | 186 | 0 | 52,156 | 0 | 21,151 | 73,307 | 524 |
| | | | | | | | 3,342 | | 525 |
| 13,701 | 77,037 | 308 | | 189 | 91,234 | 10,185 | 16,872 | 118,292 | 526 |
| 6,792 | 39,281 | 553 | 345 | 121 | 47,092 | 0 | 22,041 | 69,133 | 527 |
| 4,396 | 20,558 | 39 | 157 | 367 | 25,517 | 0 | 12,652 | 38,169 | 528 |
| 21,718 | 160,965 | 1,029 | 507 | 597 | 184,816 | 41,197 | 62,060 | 288,073 | 529 |
| 1,888 | 22,683 | 262 | 190 | 2,012 | 27,035 | 6,900 | 4,923 | 38,858 | 530 |
| 2,957 | 21,844 | 0 | 145 | 0 | 24,946 | 11,227 | 7,465 | 43,638 | 531 |
| | | | 74 | | | | | | 532 |
| 2,166 | | 15,248 | 132 | 284 | 17,830 | 6,331 | 7,287 | 37,305 | 533 |
| | | | | | | | | 31,448 | 534 |
| | | | | | | | | 28,091 | 535 |
| 12,530 | 44,012 | | 341 | | | | 24,472 | | 536 |
| | | | | | | | | 77,662 | 537 |
| | | | | | | | | | 538 |
| | | | | | | | | | 539 |
| 11,164 | 10,895 | 2,239 | | | 24,298 | 0 | 6,840 | 31,138 | 540 |
| 8,988 | 53,858 | 57,210 | 1,259 | 1,100 | 122,415 | 10,000 | 6,534 | 138,949 | 541 |
| 3,779 | 3,315 | 8,006 | 106 | | 16,931 | 0 | 235 | 17,166 | 542 |
| | | | | | | | 24,053 | | 543 |
| 7,793 | 59,329 | 0 | 104 | 2,382 | 69,608 | 16,400 | 3,002 | 89,011 | 544 |
| 7,812 | 41,255 | | 489 | 96 | 49,652 | 84,127 | 75 | 133,854 | 545 |
| 2,297 | 14,000 | 20 | 66 | 17 | 16,400 | 1,475 | 68 | 17,943 | 546 |
| 2,327 | | | 264 | | 32,157 | 12,000 | 411 | 44,568 | 547 |
| 1,211 | 10,687 | | 183 | | 12,081 | 1,450 | 434 | 13,965 | 548 |
| 1,203 | 12,897 | 223 | 0 | 512 | 14,835 | 10,000 | 375 | 25,210 | 549 |
| 934 | 7,484 | | | 198 | 8,616 | | | 8,616 | 550 |
| 994 | (12,250) | | 40 | | 13,284 | | 51 | 13,335 | 551 |
| 2,207 | 20,700 | | 864 | 84 | 23,855 | 1,278 | 710 | 25,843 | 552 |
| 1,767 | 9,508 | 0 | 86 | | 11,361 | 0 | 834 | 12,195 | 553 |
| 1,208 | 11,701 | 0 | 0 | 0 | 12,909 | 0 | 50 | 12,959 | 554 |
| 1,666 | 13,758 | 0 | 0 | 0 | 15,424 | 8,145 | 0 | 23,569 | 555 |
| 2,224 | 14,379 | 0 | 97 | 78 | 16,778 | 0 | 2,512 | 19,290 | 556 |
| 2,834 | 14,037 | 0 | 0 | 336 | 17,207 | 0 | 0 | 17,207 | 557 |
| 6,036 | 40,581 | 422 | 272 | 7,247 | 54,558 | 0 | 263 | 54,821 | 558 |
| 3,041 | 14,757 | | 254 | 34 | 18,088 | 7,434 | | | 559 |
| 11,254 | | 315 | 0 | 132 | 11,701 | 0 | 2,884 | 14,585 | 560 |
| 1,611 | | | 508 | 19,021 | 21,140 | 0 | | 21,140 | 561 |
| 1,692 | 16,803 | | 261 | | 18,756 | 0 | 2,542 | 21,298 | 562 |
| | 2,593 | 14,657 | | 289 | 17,539 | 0 | 739 | 18,278 | 563 |
| 1,171 | 8,710 | 17 | 0 | 0 | 9,899 | 0 | | 9,899 | 564 |
| 1,815 | 12,600 | 1,080 | 0 | 0 | 15,495 | 0 | 1,169 | 16,664 | 565 |
| 3,141 | 41,340 | | | | | | | 52,304 | 566 |
| 8,529 | 85,983 | | 64 | 242 | 94,818 | 0 | 2,059 | 96,877 | 567 |
| 1,132 | 16,323 | | | | | | | 19,304 | 568 |
| 1,261 | 8,176 | 0 | 769 | 36 | 10,242 | 1,000 | 0 | 11,242 | 569 |
| 9,177 | 78,562 | | 22 | 10 | 87,771 | 7,915 | 14,845 | 110,531 | 570 |
| 2,595 | 18,141 | 0 | 0 | 314 | 21,053 | 0 | 3,016 | 24,069 | 571 |
| | | | | | | | | | 572 |
| 1,700 | 11,500 | | 25 | | 13,225 | 0 | | 13,225 | 573 |
| 2,147 | 17,000 | | | | 19,147 | | 1,813 | 20,960 | 574 |
| 9,795 | 54,157 | 1,861 | 260 | 16 | 66,089 | 0 | 0 | 66,089 | 575 |
| 2,306 | 21,673 | 0 | 38 | 12 | 24,089 | 0 | 3,113 | 27,202 | 576 |
| 1,600 | 10,400 | | 300 | | 12,300 | | 0 | | 577 |
| 3,229 | 30,378 | | | 502 | 34,109 | 0 | 3,422 | 37,531 | 578 |

b Estimated.

TABLE 18.—*Statistics for 1888-89 of property and receipts of public*

| City. | Total taxable property in the city. | | Estimated actual value of public property used for school purposes. | | | | |
|----------------------------|-------------------------------------|--------------------------------------|---------------------------------------------------------------------|-------------------------|------------|--------------------------|-----------|
| | Assessed value. | Cash value, based on the assessment. | Grounds. | Buildings and fixtures. | Furniture. | Libraries and apparatus. | Total. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| PENNSYLVANIA—continued. | | | | | | | |
| 579 Mahanoy City | \$1,495,110 | \$2,242,665 | \$15,200 | \$40,300 | \$4,000 | \$500 | \$60,000 |
| 580 Mauch Chunk* | | | | | | | |
| 581 Meadville | 2,000,000 | 4,000,000 | | | | | 130,000 |
| 582 Mechanicsburgh | 1,370,582 | 2,053,873 | 2,300 | 8,900 | 1,300 | | 12,500 |
| 583 Middletown | | | | | | | |
| 584 Monongahela* | 906,801 | a1,300,000 | (45,000) | | 5,000 | 250 | 50,250 |
| 585 Nanticoke | 6910,000 | a1,000,000 | 9,000 | 41,000 | 5,000 | 350 | 55,350 |
| 586 New Brighton* | | | 5,000 | 20,000 | 3,000 | 1,000 | 29,000 |
| 587 New Castle | 4,250,000 | 6,375,000 | 15,000 | 65,000 | 9,000 | 1,000 | 90,000 |
| 588 Norristown | 7,500,000 | 9,375,000 | 35,000 | 135,000 | 10,000 | 2,500 | 182,500 |
| 589 Oil City* | | a6,500,000 | 610,000 | 660,000 | 66,000 | 64,500 | 650,500 |
| 590 Philadelphia | 647,213,039 | 647,213,039 | 1,923,074 | 5,088,887 | 378,310 | | 7,390,271 |
| 591 Phoenixville | 3,002,243 | 4,503,370 | 10,000 | 35,000 | 4,000 | 1,000 | 50,000 |
| 592 Pittsburgh* | 150,000,000 | 250,000,000 | | | | | 2,000,000 |
| 593 Pittsboro | 719,613 | 2,878,452 | | | | | 65,100 |
| 594 Plymouth | 650,000 | 4,550,000 | 10,000 | 30,000 | 2,500 | 200 | 42,700 |
| 595 Pottstown | 4,626,662 | 9,253,324 | | | | 2,600 | 116,090 |
| 596 Pottsville | 3,924,036 | 11,772,108 | 50,000 | 160,000 | 8,000 | 2,000 | 220,000 |
| 597 Reading | 22,500,000 | 33,750,000 | 131,000 | (527,100) | | 10,000 | 668,100 |
| 598 Renovo | | | | | | | |
| 599 St. Clair* | | | | | | | |
| 600 Scranton | 17,000,000 | 51,000,000 | | | | | 420,000 |
| 601 Shamokin* | | | | | | | |
| 602 Sharon* | | | | | | | |
| 603 Shenandoah | 1,817,551 | 5,452,654 | 17,000 | 66,000 | 4,500 | 2,500 | 90,000 |
| 604 South Bethlehem* | 3,470,000 | 5,000,000 | 11,000 | 45,000 | 4,400 | 1,000 | 61,400 |
| 605 South Easton | 1,876,000 | 3,752,000 | 5,000 | 35,000 | 3,500 | 400 | 43,900 |
| 606 Steelton | 3,703,455 | 3,703,455 | 7,600 | 26,400 | 1,954 | 1,150 | 37,104 |
| 607 Sunbury* | | | | | | | |
| 608 Susquehanna | b160,000 | a800,000 | 2,200 | 18,500 | 4,200 | 100 | 25,000 |
| 609 Tamaqua | 1,199,685 | 2,399,370 | 7,500 | 36,000 | 3,000 | 100 | 46,600 |
| 610 Titusville | 1,765,000 | 2,373,333 | (65,000) | | 3,000 | 2,000 | 70,000 |
| 611 Towanda* | | | | | | | |
| 612 Uniontown | 1,800,000 | 3,600,000 | | | | 500 | 50,000 |
| 613 Warren | b1,493,628 | b1,991,504 | 12,000 | 28,000 | 3,000 | 500 | 43,500 |
| 614 Washington | 2,921,077 | 2,921,077 | | (42,000) | | 1,000 | 43,000 |
| 615 West Chester | 5,387,635 | 5,387,635 | 30,000 | 75,000 | 10,000 | 5,000 | 120,000 |
| 616 Wilkes Barre | b4,000,000 | a32,000,000 | | | | | 267,672 |
| 617 Williamsport | 7,468,758 | 12,800,885 | 80,000 | 129,000 | 12,000 | 4,000 | 225,000 |
| 618 York | 7,500,000 | 7,500,000 | | | | | 152,119 |
| RHODE ISLAND. | | | | | | | |
| 619 Bristol* | 5,609,400 | 5,609,400 | | | | | 65,000 |
| 620 Central Falls | 5,258,600 | a6,000,000 | | | | | 100,500 |
| 621 Newport | 31,063,000 | 31,063,000 | 37,791 | 102,300 | 21,845 | 1,000 | 162,936 |
| 622 Pawtucket | 23,717,904 | 23,717,904 | | | | | 340,687 |
| 623 Providence | 136,762,560 | 136,762,560 | | | | | 1,136,787 |
| 624 Woonsocket | b7,859,500 | b12,000,000 | | | | | 6160,000 |
| SOUTH CAROLINA. | | | | | | | |
| 625 Charleston | 21,512,202 | a35,000,000 | 10,000 | 100,000 | 10,000 | 800 | 120,800 |
| 626 Columbia | b3,900,000 | a6,000,000 | 13,000 | 17,500 | 2,983 | 650 | 31,043 |
| 627 Greenville* | 2,000,000 | 5,000,000 | (25,500) | | 750 | | 26,250 |
| 628 Spartanburg C.H. | 4,400,000 | 2,333,333 | 1,000 | 13,300 | 800 | | 15,100 |
| TENNESSEE. | | | | | | | |
| 629 Chattanooga | b12,195,640 | a20,000,000 | | (188,000) | | 10,500 | 198,500 |
| 630 Clarksville | 3,593,564 | 4,524,752 | 6,000 | 26,300 | 2,244 | | 31,544 |
| 631 Jackson | | | (10,500) | | 1,800 | 400 | 12,700 |
| 632 Knoxville | 8,070,326 | 8,070,326 | 30,000 | 65,000 | 7,500 | 950 | 103,450 |
| 633 Memphis | 27,000,000 | a50,000,000 | | 340,000 | | | |
| 634 Nashville | | | 60,000 | 217,000 | 17,000 | | 294,000 |
| 635 Union City | 950,000 | 950,000 | 2,000 | 13,000 | 1,000 | 500 | 16,500 |

* Statistics of 1887-88.

a Estimated.

b In 1887-88.

schools of cities and villages containing over 4,000 inhabitants—Continued.

| Receipts for the school year 1888-89. | | | | | | Receipts from loans and bond sales. | Balance on hand from last school year (1887-88). | Total sum available for use during the year. |
|---------------------------------------|------------------------------------|------------------------------|--------------------|-------------------------|----------|-------------------------------------|--------------------------------------------------|----------------------------------------------|
| From State apportionment or taxes. | From city appropriations or taxes. | From county and other taxes. | From tuition fees. | From all other sources. | Total. | | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| \$3,721 | \$15,863 | 0 | \$29 | \$65 | \$19,683 | 0 | \$15,591 | \$35,274 |
| 874 | 10,522 | | | | | | | 579 |
| 3,271 | 28,189 | | 708 | 7,450 | 39,619 | 30,000 | 837 | 13,375 |
| 1,418 | 4,681 | 0 | 81 | 0 | 6,180 | 0 | 1,651 | 70,456 |
| 756 | 6,359 | | | 934 | 8,049 | | | 7,881 |
| 819 | 10,202 | 0 | 227 | 14 | 11,262 | 1,000 | 0 | 8,049 |
| 2,940 | 17,192 | \$277 | | 134 | 20,543 | 1,089 | 933 | 12,262 |
| 934 | 10,373 | | | | 11,307 | | | 22,565 |
| 3,024 | 23,000 | | 600 | | 26,624 | 0 | 86 | 536 |
| 5,063 | | 34,481 | 1,486 | 2,551 | 43,581 | 21,878 | 185 | 26,710 |
| 1,746 | 30,005 | | | | | | | 65,644 |
| | 2,551,467 | | | | | | | 56,183 |
| 2,474 | 16,052 | | 709 | | 19,235 | 0 | 55 | 5.0 |
| 34,579 | 589,760 | 0 | 0 | 14,971 | 639,310 | 61,000 | 206,218 | 19,290 |
| 2,565 | 13,628 | 111 | 200 | 7 | 16,511 | 11,500 | 9,880 | 991 |
| 2,490 | 11,400 | 79 | 90 | 45 | 14,104 | 0 | 652 | 592 |
| 2,346 | 26,492 | | 56 | 98 | 28,992 | 6,482 | 307 | 37,891 |
| 4,786 | 28,063 | | 604 | 807 | 34,260 | 3,000 | 2,316 | 593 |
| 15,600 | 105,000 | | | 65 | 120,665 | 22,000 | 26,520 | 594 |
| 1,316 | (4,202) | | | 448 | 5,966 | 6,300 | | 35,781 |
| 1,886 | 4,459 | | | | 5,845 | 0 | | 169,185 |
| 17,696 | 159,807 | | 260 | 420 | 178,183 | | 32,140 | 598 |
| 2,391 | 19,864 | | | | | | | 5,345 |
| 1,167 | 13,568 | | | | | | | 210,323 |
| 4,047 | 27,342 | | 383 | 104 | 31,876 | 4,500 | 1,140 | 24,223 |
| 1,261 | 11,392 | 191 | 40 | 19 | 12,903 | 500 | 1,488 | 37,395 |
| 1,546 | 11,455 | | 103 | 268 | 13,372 | 0 | 1,857 | 17,516 |
| 1,449 | 20,406 | | | 124 | 21,979 | 4,200 | 460 | 14,891 |
| 1,256 | 8,272 | | | | 9,528 | | 0 | 15,229 |
| 1,091 | (4,741) | | | | 5,832 | 0 | 0 | 26,640 |
| 2,024 | 7,944 | 50 | 2 | 50 | 10,070 | 0 | 1,081 | 9,528 |
| 2,833 | 26,112 | | | 2,282 | 31,247 | 2,500 | 11,133 | 5,832 |
| 763 | 9,538 | | | | | | | 11,151 |
| 1,683 | 8,056 | | 0 | 26 | 9,765 | 0 | 1,407 | 44,880 |
| 1,314 | | | 334 | 11,900 | 13,548 | 0 | 1,524 | 11,219 |
| 1,597 | 11,072 | | 40 | 278 | 12,987 | 1,317 | 0 | 11,172 |
| 2,342 | 21,197 | 0 | 0 | 13 | 23,552 | 5,000 | 60 | 15,072 |
| 8,929 | 77,527 | 173 | 0 | 9,557 | 96,186 | 26,791 | 8,561 | 14,304 |
| 7,590 | 61,910 | 8 | 246 | 2,605 | 72,359 | | 637 | 28,612 |
| 6,119 | (35,213) | | 233 | 1,819 | 43,384 | 11,300 | 4,747 | 131,538 |
| | | | | | | | | 617 |
| 3,096 | 8,875 | 0 | 80 | 1,743 | 13,794 | 0 | 0 | 59,431 |
| | 7,872 | 13,744 | 57 | 0 | 21,673 | 16,600 | 125 | 618 |
| 6,218 | 43,000 | 771 | 831 | 5,057 | 55,877 | 0 | 443 | 13,794 |
| 8,396 | 96,000 | 2,105 | 225 | 1,289 | 108,015 | 0 | 46,415 | 38,393 |
| 28,730 | 237,847 | | 3,919 | 111,971 | 351,467 | 0 | 0 | 56,320 |
| 6,994 | 37,528 | 0 | 394 | 1,062 | 45,978 | 0 | 0 | 154,430 |
| | | | | | | | | 381,467 |
| | 53,827 | 28,974 | | | 82,801 | 0 | | 45,978 |
| | 1,878 | 2,488 | | 850 | 5,216 | 18,000 | 0 | 82,801 |
| 1,200 | 2,500 | | | 100 | 3,800 | 12,000 | 375 | 625 |
| | | | | | | | | 626 |
| (d) | 4,500 | 223,990 | 826 | | 29,316 | 97 | 12,370 | 627 |
| 7,215 | 4,185 | 0 | 441 | 47 | 11,888 | 0 | 2,197 | 16,175 |
| e6,071 | 7,033 | (e) | | | 13,104 | 2,000 | 0 | 23,216 |
| 7,331 | 15,000 | 7,331 | 2,267 | 0 | 31,929 | 0 | 49 | 627 |
| e16,101 | 66,814 | (e) | 1,936 | | 114,901 | 0 | 0 | 628 |
| | | | | | | | | 629 |
| e4,522 | 3,101 | (e) | 56 | | 7,679 | 0 | 0 | 41,783 |
| | | | | | | | | 14,085 |
| | | | | | | | | 15,104 |
| | | | | | | | | 31,978 |
| | | | | | | | | 114,901 |
| | | | | | | | | 634 |
| | | | | | | | | 635 |

c The receipts are for the fourteen months ending July 1, 1889.

d Receipts from State taxes are included in column 11.

e Receipts from county taxes are included in column 9.

TABLE 18.—Statistics for 1888-89 of property and receipts of public

| | City. | Total taxable property in the city. | | Estimated actual value of public property used for school purposes. | | | | |
|----------------|----------------------|-------------------------------------|-------------------------------------|---------------------------------------------------------------------|-------------------------|------------|--------------------------|----------|
| | | Assessed value. | Cash value based on the assessment. | Grounds. | Buildings and fixtures. | Furniture. | Libraries and apparatus. | Total. |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| TEXAS. | | | | | | | | |
| 636 | Austin..... | \$8,071,704 | \$12,107,556 | \$23,000 | \$34,750 | \$3,000 | \$1,000 | \$66,750 |
| 637 | Brenham..... | 2,000,000 | 2,666,667 | 5,000 | 14,500 | 1,300 | 860 | 21,660 |
| 638 | Brownsville..... | 1,000,000 | 1,500,000 | 0 | 0 | 1,375 | 200 | 1,575 |
| 639 | Dallas..... | 17,000,000 | 17,000,000 | 69,460 | 70,700 | 13,171 | 350 | 153,621 |
| 640 | Dennison..... | 62,307,266 | 64,614,582 | 2,500 | 105,000 | 3,000 | 325 | 110,825 |
| 641 | El Paso..... | 5,500,000 | 5,500,000 | 7,500 | 25,000 | 2,500 | 600 | 35,600 |
| 642 | Fort Worth..... | 8,515,670 | 14,192,788 | 18,000 | 52,020 | 3,780 | 1,200 | 75,000 |
| 643 | Galveston..... | 20,000,000 | 20,000,000 | 73,200 | 285,600 | 26,233 | 1,470 | 385,903 |
| 644 | Houston..... | 10,500,000 | 14,000,000 | 25,400 | 66,800 | 12,600 | 1,200 | 106,000 |
| 645 | Marshall..... | 2,046,930 | 2,000,000 | (61,000) | | (61,000) | | 62,000 |
| 646 | Palestine..... | 1,479,155 | 1,972,207 | 5,000 | 7,100 | 1,600 | 100 | 13,800 |
| 647 | Paris..... | 3,864,922 | 5,797,383 | 13,000 | 35,000 | 3,000 | | 51,000 |
| 648 | San Antonio *..... | | | (155,000) | | (7,000) | | 162,000 |
| 649 | Sherman..... | 2,800,000 | 4,666,667 | 10,000 | 50,000 | 3,500 | | 63,500 |
| 650 | Waco..... | 5,771,741 | 8,500,000 | 17,800 | 67,500 | 6,400 | 500 | 92,200 |
| UTAH. | | | | | | | | |
| 651 | Logan..... | | | 4,600 | 5,300 | 1,544 | 165 | 11,609 |
| 652 | Ogden City..... | 7,000,000 | 7,000,000 | 12,000 | 38,678 | 5,372 | 800 | 56,850 |
| 653 | Provo City *..... | | | 2,935 | 32,145 | 1,732 | 419 | 37,231 |
| 654 | Salt Lake City..... | 17,373,017 | 28,955,028 | 50,000 | 60,000 | 8,000 | 2,900 | 120,900 |
| VERMONT. | | | | | | | | |
| 655 | Bennington *..... | 390,097 | 390,097 | | (60,000) | | 1,200 | 61,200 |
| 656 | Brattleborough..... | 3,460,000 | 3,460,000 | 10,000 | 56,400 | 2,500 | 650 | 69,550 |
| 657 | Burlington..... | | | | | | | |
| 658 | Rutland..... | | | 20,000 | 50,000 | 3,000 | 1,000 | 74,000 |
| 659 | St. Albans..... | | | | | | | |
| 660 | St. Johnsbury c..... | | | | | | | 29,500 |
| VIRGINIA. | | | | | | | | |
| 661 | Alexandria..... | 4,310,884 | 4,310,884 | 4,000 | 29,000 | 2,000 | | 35,000 |
| 662 | Danville..... | | | | | | | 17,900 |
| 663 | Fredericksburgh..... | 1,540,810 | 1,540,810 | | | | | 11,584 |
| 664 | Lynchburgh *..... | 9,998,662 | | 22,000 | 48,000 | 5,000 | 500 | 75,500 |
| 665 | Manchester..... | | | | | | | 30,000 |
| 666 | Norfolk..... | 14,893,660 | 22,340,490 | 25,750 | 50,500 | | 600 | 76,850 |
| 667 | Petersburgh..... | 9,706,445 | 9,706,445 | | | | | 72,000 |
| 668 | Portsmouth..... | 4,000,000 | | 5,000 | 45,000 | 2,250 | 200 | 52,450 |
| 669 | Richmond..... | 43,000,000 | 43,000,000 | 301,000 | 36,000 | 52,000 | 1,500 | 390,500 |
| 670 | Roanoke..... | | | | | | | 28,000 |
| 671 | Staunton..... | 2,526,820 | 2,526,820 | 5,000 | 22,000 | 2,100 | 100 | 29,200 |
| 672 | Winchester *..... | 2,411,685 | 2,611,685 | 2,000 | 12,000 | 1,500 | 500 | 16,000 |
| WASHINGTON. | | | | | | | | |
| 673 | Seattle..... | | | | | | | |
| 674 | Spokane Falls..... | 4,250,000 | 6,375,000 | 66,000 | 14,000 | 2,200 | 300 | 82,500 |
| 675 | Tacoma..... | 8,352,023 | 20,880,070 | 170,000 | 70,000 | 6,000 | 500 | 246,500 |
| 676 | Walla Walla..... | 2,600,000 | 6,500,000 | 12,000 | 80,000 | 3,000 | 400 | 95,400 |
| WEST VIRGINIA. | | | | | | | | |
| 677 | Charleston..... | 62,172,315 | 63,000,000 | 21,450 | 16,800 | 2,600 | 250 | 41,100 |
| 678 | Grafton..... | 848,186 | 1,272,279 | 3,000 | 12,000 | 2,000 | 300 | 17,300 |
| 679 | Martinsburgh..... | 1,707,472 | 2,276,629 | 4,000 | 30,000 | 3,100 | 200 | 37,300 |
| 680 | Parkersburgh..... | 4,467,375 | 66,700,000 | 39,350 | 61,800 | 7,500 | 350 | 109,000 |
| 681 | Wheeling..... | 17,394,007 | 26,091,011 | 71,000 | 185,000 | 22,000 | 3,000 | 281,000 |
| WISCONSIN. | | | | | | | | |
| 682 | Appleton..... | 3,145,000 | 7,862,500 | 34,500 | 122,000 | 17,500 | 2,500 | 176,500 |
| 683 | Baraboo..... | 1,716,383 | 2,574,575 | 3,500 | 27,000 | | 500 | 31,000 |
| 684 | Beaver Dam *..... | | | 15,000 | 30,000 | | 910 | 45,910 |
| 685 | Beloit..... | 2,000,000 | 3,000,000 | 25,000 | 70,000 | 5,000 | 500 | 100,500 |
| 686 | Berlin..... | 1,002,635 | 1,503,952 | 10,000 | 42,000 | 1,000 | 1,800 | 54,800 |

* Statistics of 1887-88.

a Estimated.

b In 1887-88.

schools of cities and villages containing over 4,000 inhabitants—Continued.

| Receipts for the school year 1888-89. | | | | | | Receipts from loans and bond sales. | Balance on hand from last school year (1887-88). | Total sum available for use during the year. | |
|---------------------------------------|------------------------------------|------------------------------|--------------------|-------------------------|----------|-------------------------------------|--------------------------------------------------|----------------------------------------------|-------|
| From State apportionment or taxes. | From city appropriations or taxes. | From county and other taxes. | From tuition fees. | From all other sources. | Total. | | | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| \$12,960 | \$28,192 | \$380 | \$516 | \$1,532 | \$43,380 | \$17,050 | \$68 | \$60,698 | 636 |
| 4,608 | 5,600 | 200 | 308 | 1,285 | 12,001 | 0 | ..... | 12,001 | 637 |
| 7,212 | 1,192 | ..... | ..... | ..... | 8,404 | 0 | 5,872 | 14,276 | 638 |
| 21,348 | 16,893 | 1,592 | ..... | ..... | 42,833 | 0 | 554 | 43,387 | 639 |
| 7,112 | 9,353 | ..... | 18 | 1,140 | 17,623 | 0 | 18,222 | 35,845 | 640 |
| 3,656 | 20,406 | 0 | 196 | 534 | 24,792 | 0 | 11,554 | 36,346 | 641 |
| 13,144 | 20,625 | 1,002 | 0 | 14 | 34,785 | 0 | 9,557 | 44,342 | 642 |
| 28,086 | 40,118 | 1,709 | 2 | 188 | 70,053 | 0 | 15,541 | 85,594 | 643 |
| 16,854 | 15,000 | 63 | ..... | 1,358 | 33,275 | 10,000 | 9,989 | 53,264 | 644 |
| ..... | (6,132) | ..... | 291 | 285 | 6,708 | 0 | 164 | 6,872 | 645 |
| 63,903 | 63,209 | 6299 | 6414 | 60 | 67,825 | 60 | 61,783 | 69,608 | 646 |
| 10,586 | 9,120 | 284 | ..... | ..... | ..... | 0 | 500 | 20,584 | 647 |
| 42,975 | 11,536 | ..... | ..... | 500 | 55,011 | 0 | 343 | 55,354 | 648 |
| 6,200 | 9,223 | 465 | 382 | ..... | 16,270 | 0 | 951 | 17,221 | 649 |
| 9,716 | 19,590 | 0 | 178 | 253 | 29,742 | 0 | 0 | 29,742 | 650 |
| | | | | | | | | | |
| 2,654 | ..... | 164 | 1,864 | 2,300 | 6,932 | 0 | 40 | 7,022 | 651 |
| 4,673 | 3,127 | 7,817 | 3,709 | ..... | 19,326 | 0 | 144 | 19,470 | 652 |
| 2,244 | 6,062 | ..... | 1,671 | 20 | ..... | ..... | ..... | 10,195 | 653 |
| 18,600 | 30,000 | ..... | 9,650 | 1,000 | 59,250 | 1,200 | 10,000 | 70,450 | 654 |
| | | | | | | | | | |
| 1,899 | 9,278 | ..... | 659 | 10,330 | 22,166 | ..... | 1,375 | 23,541 | 655 |
| 3,253 | 13,283 | 0 | 440 | ..... | ..... | ..... | 815 | ..... | 656 |
| ..... | 27,000 | ..... | 780 | 2,046 | 29,826 | 0 | 223 | 30,049 | 657 |
| ..... | 24,861 | ..... | 382 | 205 | 25,448 | 8,784 | 1,448 | 35,680 | 658 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 659 |
| ..... | 10,345 | ..... | 33 | 5,153 | 15,531 | ..... | ..... | ..... | 660 |
| | | | | | | | | | |
| 6,651 | 9,500 | ..... | ..... | 168 | 6,319 | 5,000 | 3,428 | 24,748 | 661 |
| 4,239 | 11,516 | ..... | ..... | ..... | 15,755 | 0 | 0 | 15,755 | 662 |
| 2,382 | 1,500 | ..... | 1,063 | 39 | 4,989 | 0 | 2,003 | 6,992 | 663 |
| 8,792 | 26,498 | 0 | 1,151 | 35 | 36,476 | 0 | 91 | 36,567 | 664 |
| 3,426 | 3,961 | ..... | ..... | ..... | 7,387 | 0 | 166 | 7,553 | 665 |
| 10,197 | 13,726 | ..... | ..... | ..... | 623,285 | ..... | 440 | ..... | 666 |
| 10,061 | 14,221 | 0 | 834 | 0 | 24,666 | 0 | 250 | 24,916 | 667 |
| 4,549 | 8,439 | ..... | ..... | 280 | 13,268 | 0 | 0 | 13,268 | 668 |
| 30,792 | 131,661 | ..... | 2,205 | 1,075 | 165,733 | 0 | 0 | 165,733 | 669 |
| 1,875 | 3,711 | ..... | ..... | ..... | 5,586 | 0 | 26 | 5,612 | 670 |
| 2,855 | 6,155 | 0 | 834 | 0 | 9,844 | 0 | 703 | 10,547 | 671 |
| 2,803 | 3,000 | ..... | 318 | 11 | 6,131 | ..... | 45 | 6,177 | 672 |
| | | | | | | | | | |
| ..... | (49,370) | ..... | ..... | 80 | 49,450 | 150,000 | 0 | 199,450 | 673 |
| ..... | 27,408 | 9,162 | 50 | 51 | 36,671 | 0 | 0 | 36,671 | 674 |
| 28,877 | 25,056 | ..... | ..... | ..... | 53,933 | 0 | 0 | 53,933 | 675 |
| ..... | ..... | 46,038 | ..... | ..... | 46,038 | ..... | ..... | ..... | 676 |
| | | | | | | | | | |
| 1,465 | 5,588 | ..... | ..... | ..... | 7,053 | 0 | 2,205 | 9,258 | 677 |
| 3,143 | 9,391 | 1,960 | 165 | ..... | 14,659 | 0 | 962 | 15,621 | 678 |
| 21,755 | ..... | ..... | 208 | ..... | ..... | ..... | 6,936 | 38,923 | 680 |
| 16,943 | 81,752 | ..... | 89 | 1,251 | 100,035 | 27,477 | 4,861 | 132,373 | 681 |
| | | | | | | | | | |
| 5,017 | 29,200 | 6,444 | 750 | 4,818 | 46,229 | 0 | 3,081 | 49,310 | 682 |
| 1,722 | 12,165 | 1,510 | 431 | 845 | 16,673 | 0 | 6,040 | 22,713 | 683 |
| 2,085 | 6,000 | 2,085 | ..... | 255 | 10,425 | ..... | 3,966 | 14,391 | 684 |
| 2,157 | 9,000 | 2,073 | 852 | 70 | 13,682 | 0 | 10,359 | 24,041 | 685 |
| 1,814 | 6,500 | 1,862 | 593 | 199 | 10,969 | 0 | 5,149 | 16,118 | 686 |

c Owing to a change in the school year this report covers the period between April 1, 1888, and June 30, 1889.

TABLE 18.—*Statistics for 1888-89 of property and receipts of public*

| City. | Total taxable property in the city. | | Estimated actual value of public property used for school purposes. | | | | |
|-------------------------|-------------------------------------|--------------------------------------|---------------------------------------------------------------------|-------------------------|------------|--------------------------|-----------|
| | Assessed value. | Cash value, based on the assessment. | Grounds. | Buildings and fixtures. | Furniture. | Libraries and apparatus. | Total. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| WISCONSIN—continued. | | | | | | | |
| 687 Chippewa Falls.. | a\$6,100,000 | b\$20,000,000 | \$15,900 | \$38,100 | \$4,534 | \$800 | \$59,334 |
| 688 Eau Claire | 5,750,000 | 8,846,153 | 25,600 | 50,400 | 8,550 | 3,350 | 87,900 |
| 689 Fond du Lac | 3,200,325 | 4,923,577 | 22,000 | 98,700 | 2,500 | 2,000 | 125,200 |
| 690 Fort Howard | a\$75,000 | a1,600,000 | 11,000 | 19,500 | 2,000 | 1,000 | 33,500 |
| 691 Green Bay | 1,995,000 | 2,660,000 | 5,000 | 60,000 | 3,500 | 700 | 69,200 |
| 692 Janesville | a5,000,000 | b28,000,000 | 53,000 | 95,000 | 15,000 | 2,000 | 165,000 |
| 693 Kenosha | 1,500,000 | 1,500,000 | 15,000 | 25,000 | 2,000 | 750 | 42,750 |
| 694 La Crosse | 10,348,280 | 10,348,280 | 80,000 | 150,000 | 6,000 | 3,500 | 239,500 |
| 695 Madison | 6,396,917 | 9,595,376 | 60,000 | 180,000 | 10,000 | 2,000 | 252,000 |
| 696 Marinette* | | | 11,000 | 49,500 | | 500 | 61,000 |
| 697 Menasha | 923,044 | 1,318,634 | 3,000 | 9,000 | 2,500 | 1,200 | 15,700 |
| 698 Menomonie | 1,817,293 | 2,725,940 | | | | | 33,300 |
| 699 Merrill | 2,144,061 | 2,144,061 | 2,000 | (20,000) | | 800 | 22,800 |
| 700 Milwaukee | 96,548,480 | 96,548,480 | 262,000 | 916,900 | 64,517 | 20,428 | 1,263,845 |
| 701 Monroe | 2,500,000 | 3,333,333 | 3,000 | 30,000 | 3,500 | 1,540 | 38,040 |
| 702 Neenah | 1,552,770 | 2,587,950 | 3,000 | | | | 50,000 |
| 703 Oconto | 878,775 | 1,000,000 | 2,150 | 20,800 | 950 | 300 | 24,200 |
| 704 Oshkosh | | | 50,000 | 100,000 | | | 6170,000 |
| 705 Portage | 1,400,000 | 2,100,000 | 6,500 | 35,000 | 5,000 | 500 | 47,000 |
| 706 Racine | 8,200,000 | 8,200,000 | 43,200 | 85,000 | 7,000 | 1,200 | 136,400 |
| 707 Sheboygan | 3,609,210 | 3,609,210 | 13,000 | 67,000 | 3,300 | 700 | 84,000 |
| 708 Stevens Point | | | 20,000 | 30,000 | | 2,000 | 52,000 |
| 709 Watertown* | 1,594,010 | 3,400,000 | 12,000 | 38,000 | 1,200 | 1,700 | 52,900 |
| 710 Waukesha | 2,626,522 | 3,939,783 | 18,600 | 38,000 | 2,000 | 800 | 59,400 |
| 711 Wausau | 2,500,000 | 3,750,000 | 3,000 | 30,000 | 3,500 | 500 | 37,000 |
| 712 White Water | 2,126,000 | 2,126,000 | 7,000 | 20,000 | 3,500 | 1,500 | 32,000 |
| WYOMING. | | | | | | | |
| 713 Cheyenne | 3,000,000 | 6,000,000 | 10,000 | 65,000 | 2,500 | 1,000 | 78,500 |

* Statistics of 1887-88.

a In 1887-88.

schools of cities and villages containing over 4,000 inhabitants—Continued.

| Receipts for the school year 1888-89. | | | | | | Receipts from loans and bond sales. | Balance on hand from last school year (1887-88.) | Total sum available for use during the year. |
|---------------------------------------|------------------------------------|------------------------------|--------------------|-------------------------|----------|-------------------------------------|--------------------------------------------------|----------------------------------------------|
| From State apportionment or taxes. | From city appropriations or taxes. | From county and other taxes. | From tuition fees. | From all other sources. | Total. | | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| \$3,401 | \$5,000 | \$3,500 | \$46 | \$200 | \$12,147 | 0 | \$7,645 | \$19,792 |
| 6,180 | 27,636 | 6,180 | ..... | 517 | 40,513 | 0 | 16,076 | 56,589 |
| 6,925 | 13,000 | 6,925 | 528 | 255 | 27,633 | 0 | 5,146 | 32,779 |
| 2,075 | 4,353 | 1,973 | 20 | 199 | 8,620 | 0 | 1,657 | 10,277 |
| 3,607 | 10,600 | 3,581 | 109 | 355 | 18,202 | 0 | 729 | 18,931 |
| 5,657 | 15,000 | 5,657 | 149 | 6,097 | 32,560 | \$12,000 | 6,612 | 51,172 |
| 2,838 | 5,600 | 2,450 | 272 | 0 | 10,560 | 0 | 3,726 | 14,286 |
| 10,954 | 40,000 | 10,471 | 134 | 297 | 61,857 | 0 | 27,803 | 89,660 |
| 5,906 | 20,192 | 5,900 | 767 | 768 | 33,533 | 0 | 8,280 | 41,813 |
| 3,518 | 15,251 | 2,459 | ..... | ..... | 21,228 | 0 | 1,152 | 22,380 |
| 2,088 | 4,500 | 1,889 | ..... | ..... | 8,477 | 0 | 2,712 | 11,189 |
| 2,241 | 14,000 | 2,202 | 139 | 0 | 18,582 | 0 | 11,497 | 30,079 |
| 1,994 | 6,000 | 1,620 | ..... | 11,911 | 26,270 | ..... | 4,744 | ..... |
| 84,822 | 335,150 | 0 | 0 | 3,400 | 393,372 | 0 | 179,660 | 573,032 |
| 1,660 | 4,900 | 1,750 | 513 | 0 | 8,823 | 0 | 1,254 | 10,077 |
| 2,681 | 12,874 | 2,482 | 50 | 260 | 18,347 | 13,000 | 5,522 | 36,869 |
| 1,813 | 2,951 | 1,747 | 0 | 943 | 7,484 | 0 | 2,745 | 10,229 |
| 9,831 | 44,000 | ..... | 12 | 479 | 54,322 | 0 | 24,520 | 78,842 |
| 2,288 | 4,984 | 2,288 | 139 | 205 | 9,904 | 0 | 1,531 | 11,435 |
| ..... | 22,000 | 9,972 | 570 | 271 | 32,813 | 0 | 17,444 | 50,257 |
| 7,815 | 18,996 | 7,279 | ..... | 3,613 | 37,703 | 0 | 12,999 | 50,702 |
| 3,693 | 11,248 | 7,892 | ..... | ..... | 22,832 | 0 | 2,999 | 25,831 |
| 5,124 | 3,188 | 4,416 | 0 | 537 | 13,265 | 0 | 13,527 | 26,792 |
| 1,440 | 11,616 | 1,892 | 483 | 75 | 15,506 | ..... | 1,026 | 16,533 |
| 757 | 7,615 | 327 | ..... | 6,946 | 15,645 | 0 | 4,771 | 20,416 |
| 1,647 | 7,000 | 1,900 | 78 | ..... | 10,625 | 0 | 5,461 | 16,086 |
| 0 | 0 | 27,024 | 0 | ..... | ..... | ..... | ..... | 713 |

5 Estimated.

TABLE 19.—Statistics of expenditures of public schools

| | | Expenditures for the school year 1888-89. | | | | | | | |
|--------------|----------------------------|-------------------------------------------|--------------------------------------------|------------|-----------------------------------------------------------|------------------|--------------------------------------|-----------------------|--------------------|
| | | Permanent. | | | | For tuition. | | | |
| City. | | Sites, new buildings, and fixtures. | Permanent alterations and improvements. | Furniture. | Libraries, text-books, and educational ap- paratus. | Total permanent. | Salaries of supervising officers. | Salaries of teachers. | Total for tuition. |
| 1 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| ALABAMA. | | | | | | | | | |
| 1 | Birmingham | \$56,744 | | \$477 | \$1,000 | \$58,221 | \$2,400 | \$23,663 | \$26,063 |
| 2 | Eufaula * | 0 | 0 | 0 | 0 | 0 | 50 | 1,129 | 1,179 |
| 3 | Huntsville..... | | | (142) | | | (2,688) | | 2,688 |
| 4 | Lively * | 1,100 | | | | 1,100 | 0 | 1,000 | 1,000 |
| 5 | Mobile * | | | | | | | | |
| 6 | Montgomery * | 2,000 | \$130 | 150 | 75 | 2,355 | 2,000 | 17,600 | 19,600 |
| 7 | Selma * | 0 | 0 | 0 | 0 | | 25 | 8,920 | 8,945 |
| 8 | Tuskaloosa..... | 18,635 | 486 | | | 19,121 | 1,500 | 4,000 | 5,500 |
| ARIZONA. | | | | | | | | | |
| 9 | Tucson * | | | | 59 | | (8,732) | | 8,762 |
| ARKANSAS. | | | | | | | | | |
| 10 | Fort Smith | 21,092 | | | | 21,092 | (17,228) | | 17,228 |
| 11 | Helena * | 0 | 0 | 224 | 0 | 224 | 0 | 4,995 | 4,995 |
| 12 | Little Rock..... | | | | | | 2,100 | 29,445 | 31,545 |
| 13 | Pine Bluff * | | | | | | 1,350 | 9,000 | 10,350 |
| 14 | Texarkana * | 3,000 | 50 | 500 | 100 | 3,650 | 1,000 | 6,400 | 7,400 |
| CALIFORNIA. | | | | | | | | | |
| 15 | Chico | 550 | | 300 | 50 | 900 | 1,350 | 8,775 | 10,125 |
| 16 | Eureka | 4,567 | 1,300 | 424 | 50 | 6,341 | (12,885) | | 12,885 |
| 17 | Los Angeles..... | | (42,614) | | 754 | 43,398 | 4,500 | 119,538 | 124,038 |
| 18 | Marysville..... | | | | 84 | 84 | (7,695) | | 7,695 |
| 19 | Oakland..... | 6,100 | 11,792 | 1,126 | 1,673 | 20,691 | 3,821 | 148,799 | 152,620 |
| 20 | Pasadena..... | | | | | | | | |
| 21 | Riverside..... | 75,000 | | | | | 0 | 9,000 | 9,000 |
| 22 | Sacramento..... | 0 | 0 | 368 | 0 | 368 | 5,250 | 60,171 | 65,421 |
| 23 | San Francisco..... | 43,467 | 3,363 | 5,345 | 289 | 52,464 | 7,000 | c728,836 | c735,836 |
| 24 | San José..... | 16,020 | | 372 | 131 | 16,523 | 1,500 | 41,436 | 42,937 |
| 25 | Santa Cruz..... | 0 | 0 | 393 | 65 | 458 | 1,750 | 13,617 | 15,367 |
| 26 | Santa Rosa..... | | 2,359 | | 23 | 2,382 | 1,800 | 12,254 | 14,054 |
| 27 | Vallejo | 719 | 152 | | 150 | 1,021 | 480 | 14,615 | 15,095 |
| 28 | Woodland..... | 2,433 | | | 2 | 2,435 | (9,405) | | 9,405 |
| COLORADO. | | | | | | | | | |
| 29 | Aspen | | 0 | 250 | | | (8,190) | | 8,190 |
| 30 | Colorado Springs..... | 2,291 | | | | 2,291 | (19,457) | | 19,457 |
| 31 | Denver (Dist. No. 1) | 211,183 | 3,098 | 7,673 | 755 | 222,709 | (113,933) | | 113,933 |
| 32 | Leadville..... | | | | 700 | 700 | 2,000 | 10,240 | 12,240 |
| 33 | Pueblo (Dist. No. 1)..... | | | | | | 2,000 | 14,654 | 16,654 |
| CONNECTICUT. | | | | | | | | | |
| 34 | Bridgeport | | | 1,115 | 787 | 1,902 | 2,500 | 70,193 | 72,693 |
| 35 | Bristol..... | | 61,658 | | 6434 | 62,092 | 6450 | 614,730 | 615,180 |
| 36 | Hartford..... | 15,837 | 7,938 | | 3,603 | 27,378 | 1,000 | 132,689 | 133,689 |
| 37 | Meriden..... | | | 399 | | 399 | (44,140) | | 44,140 |
| 38 | Middletown..... | | 664 | | 255 | 919 | (13,570) | | 13,570 |
| 39 | New Britain * | | | | | | (21,680) | | 21,680 |
| 40 | New Haven..... | 63,637 | 8,987 | 2,020 | 2,289 | 76,933 | 3,000 | 188,878 | 191,878 |
| 41 | New London..... | 20,701 | | 488 | 250 | 21,439 | (20,348) | | 20,348 |
| 42 | Norwich..... | | 1,659 | | 867 | 2,526 | (20,022) | | 20,022 |
| 43 | Rockville..... | | | | | | (12,135) | | 12,135 |
| 44 | South Norwalk..... | | 4,059 | 273 | 591 | 4,923 | (9,953) | | 9,953 |
| 45 | Stamford..... | | | | | | | | |
| 46 | Thompsonville..... | | | | | | (5,036) | | 5,036 |
| 47 | Willimantic..... | | 1,712 | | 125 | 1,837 | 0 | 8,187 | 8,187 |

* Statistics of 1887-88.

a Includes "repair s, fuel, and contingent expenses."

b In 1887-88.

c Includes expenditures for evening schools.

of cities and villages containing over 4,000 inhabitants.

Expenditures for the school year 1888-89.

| Incidental. | | | | | | | For evening schools. | Total expenditure. | Paid on principal of loans and bonded debts. | Amount carried forward to next school year (1889-90). |
|---------------------------------------------|-----------------|------------------------|---------------------------|-------------------|-----------------------------|-------------------|----------------------|--------------------|----------------------------------------------|-------------------------------------------------------|
| Pay of school board, clerks, janitors, etc. | Fuel and light. | Stationery for pupils. | Interest on indebtedness. | Ordinary repairs. | All other current expenses. | Total incidental. | | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| \$1,125 | \$800 | \$1,500 | 0 | \$2,000 | \$686 | \$6,111 | 0 | \$90,393 | 0 | 0 |
| | | 0 | | 40 | | 426 | | 3,256 | | 0 |
| 10 | 25 | | \$21 | | 15 | 71 | | 2,171 | | |
| 440 | 210 | | | | | 650 | | 22,605 | | \$343 |
| 0 | 0 | 0 | 0 | | 332 | 332 | | 9,777 | 0 | 1,388 |
| 250 | 56 | | | | 245 | 551 | | 25,172 | \$197 | 72 |
| | | | | | a2,374 | 2,374 | | 11,106 | | |
| | | | | 354 | 3,167 | 3,521 | 0 | 41,841 | 0 | 2,885 |
| 700 | 330 | 0 | 0 | | 0 | 1,030 | | 6,249 | 0 | 79 |
| 600 | 300 | | | | | b9,236 | | 44,197 | | |
| 220 | 100 | 0 | 200 | | 50 | 900 | | 11,250 | | |
| | | | | | | 570 | | 11,620 | | 80 |
| | | | | 25 | 40 | 1,335 | 0 | 12,360 | 0 | 1,894 |
| 720 | 50 | 500 | | 313 | 373 | 1,331 | 0 | 20,757 | 0 | 37,674 |
| 560 | | 285 | | | | 24,439 | \$350 | 192,225 | 0 | 38,995 |
| | | | | | | 4,274 | 0 | 12,053 | 0 | 3,779 |
| 13,244 | 2,662 | 4,835 | | 4,066 | 6,627 | 31,434 | 2,110 | 206,855 | 0 | 49,432 |
| | | | | | | | | | | |
| 1,000 | 300 | 250 | 337 | 250 | | | 0 | | 2,000 | |
| 5,950 | 1,814 | 2,177 | 0 | 1,392 | 3,605 | 14,938 | 675 | 81,402 | 0 | |
| 60,687 | 8,978 | 3,142 | | 42,425 | 22,512 | c137,244 | | 926,044 | | 222 |
| 4,551 | 1,076 | | 0 | 1,296 | 4,975 | 11,898 | 1,077 | 72,434 | 0 | 34,291 |
| 770 | 375 | 237 | 0 | 800 | 325 | 2,057 | 0 | 17,882 | 0 | 10,336 |
| 790 | 250 | 500 | 0 | 1,000 | 1,161 | 3,701 | 0 | 20,137 | 0 | 6,210 |
| 1,320 | 247 | 314 | | 540 | | 2,421 | 0 | 18,537 | 0 | 6,873 |
| | | | | | | 1,967 | | 13,807 | | 4,724 |
| | | | | | | | | | | |
| 1,635 | 400 | 75 | 1,477 | 50 | 6,627 | 9,994 | 0 | | 1,000 | 3,254 |
| | | | | | | 15,975 | | 37,723 | 290 | 10,196 |
| 8,917 | 6,029 | 837 | 6,773 | 5,238 | 10,797 | 38,591 | | 373,233 | 10,000 | 30,865 |
| 2,200 | 1,100 | | 12,400 | 500 | | 16,200 | 0 | 29,140 | 10,000 | 0 |
| | | | | | | b17,234 | | 57,703 | | 6,390 |
| | | | | | | | | | | |
| 4,593 | 4,038 | 59 | | 7,203 | 3,561 | 19,454 | | 94,049 | | 0 |
| b262 | b1,225 | | | | b2,717 | 64,204 | | 18,000 | | |
| | 15,430 | | | | 29,218 | 44,698 | 2,529 | 208,244 | | |
| 4,752 | 3,373 | | | | | 17,264 | 470 | 62,273 | | |
| 1,245 | 1,149 | 150 | 3,581 | 636 | 529 | 7,290 | | 21,779 | 8,000 | d3,325 |
| | 4,560 | | | | 2,525 | | | 31,530 | | |
| 17,143 | 8,420 | 1,724 | 9,458 | (1,567) | | 48,812 | 2,697 | 319,819 | 0 | e64,217 |
| 1,949 | 1,195 | 704 | | 2,789 | 1,241 | 7,878 | | 49,665 | | 22,397 |
| 1,400 | 1,791 | 358 | 1,308 | 1,659 | 329 | 6,845 | | | | 1,464 |
| | | | | | | 6,808 | 0 | 18,943 | 0 | 0 |
| 806 | 719 | | 1,077 | | 258 | 2,859 | | | | 1,073 |
| | | | | | | | | | | |
| | | | | | | | | 8,977 | | |
| (1,133) | | | 322 | | 916 | 2,471 | | 12,495 | 1,000 | 145 |

d \$1,492 of this was transferred to the sinking fund.

e Orders for \$435 still outstanding.

TABLE 19.—Statistics of expenditures of public schools of cities

| City. | Expenditures for the school year 1888-89. | | | | | | | |
|------------------------------------------------|-------------------------------------------|-----------------------------------------|------------|---------------------------------------------------|------------------|-----------------------------------|-----------------------|--------------------|
| | Permanent. | | | | | For tuition. | | |
| | Sites, new buildings, and fixtures. | Permanent alterations and improvements. | Furniture. | Libraries, text-books, and educational apparatus. | Total permanent. | Salaries of supervising officers. | Salaries of teachers. | Total for tuition. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| DAKOTA. | | | | | | | | |
| 48 Deadwood..... | \$20,000 | ..... | \$5 | ..... | \$20,005 | \$100 | \$5,250 | \$5,350 |
| 49 Fargo *..... | 3,500 | \$700 | 150 | \$60 | 4,410 | 1,800 | 14,960 | 16,760 |
| 50 Grand Forks..... | ..... | 856 | (a) | ..... | ..... | (9,586) | ..... | 9,586 |
| 51 Sioux Falls *..... | 2,500 | ..... | ..... | ..... | ..... | 1,338 | 10,198 | 11,536 |
| 52 Yankton..... | 26,000 | ..... | ..... | ..... | ..... | (6,500) | ..... | 6,500 |
| DELAWARE. | | | | | | | | |
| 53 New Castle..... | 0 | 320 | 0 | 517 | 837 | (3,900) | ..... | 3,900 |
| 54 Wilmington..... | 24,744 | 684 | 1,778 | ..... | 27,206 | 2,000 | 71,800 | 73,800 |
| DISTRICT OF COLUMBIA. | | | | | | | | |
| 55 Washington (white schools principally)..... | 220,000 | (b) | 4,045 | (c) | ..... | 23,625 | 315,650 | 339,275 |
| 56 Washington (colored schools)..... | 106,674 | (b) | 1,527 | (c) | ..... | 7,250 | 123,585 | 130,835 |
| FLORIDA. | | | | | | | | |
| 57 Palatka d..... | ..... | ..... | ..... | ..... | ..... | 0 | 3,520 | 3,520 |
| 58 Pensacola..... | 0 | 280 | 87 | 0 | 367 | 450 | 7,918 | 8,368 |
| 59 Tampa..... | ..... | 300 | ..... | ..... | 300 | 0 | 3,650 | 3,650 |
| GEORGIA. | | | | | | | | |
| 60 Americus..... | ..... | 281 | ..... | ..... | 281 | 1,250 | 6,705 | 7,955 |
| 61 Athens..... | 0 | 317 | 0 | 287 | 604 | 1,800 | 8,564 | 10,364 |
| 62 Atlanta..... | 53,093 | 0 | 350 | 0 | 53,353 | 2,400 | 60,682 | 63,082 |
| 63 Augusta..... | 12,000 | ..... | 1,000 | ..... | 13,000 | 1,800 | 35,060 | 36,800 |
| 64 Columbus..... | ..... | ..... | ..... | ..... | ..... | 1,600 | 14,191 | 15,791 |
| 65 Griffin *..... | ..... | ..... | ..... | ..... | ..... | (3,992) | ..... | 3,992 |
| 66 Macond..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 67 Rome *..... | 1,600 | ..... | 222 | ..... | 1,822 | 1,450 | 5,280 | 6,730 |
| 68 Savannah..... | ..... | ..... | ..... | ..... | ..... | 3,000 | 64,236 | 67,236 |
| IDAHO. | | | | | | | | |
| 69 Boise City..... | ..... | ..... | 245 | 75 | 320 | (e) | (c) | (e) |
| ILLINOIS. | | | | | | | | |
| 70 Aurora *..... | 1,500 | 1,645 | 161 | ..... | 3,306 | 2,000 | 23,813 | 25,813 |
| 71 Beardstown..... | 2,625 | 620 | 231 | 141 | 3,617 | 1,300 | 5,225 | 6,525 |
| 72 Belleville..... | 0 | 0 | 0 | 242 | 242 | 2,000 | 23,251 | 30,251 |
| 73 Belvidere..... | 1,500 | 198 | 167 | ..... | 1,865 | (7,076) | ..... | 7,076 |
| 74 Bloomington..... | 314 | 556 | 440 | ..... | 1,310 | 1,500 | 36,926 | 38,426 |
| 75 Braidwood..... | ..... | 700 | 1,300 | ..... | 2,000 | (7,000) | ..... | 7,000 |
| 76 Cairo..... | 13,339 | 804 | 688 | 297 | 15,128 | 1,400 | 9,459 | 10,859 |
| 77 Canton..... | 12,871 | 1,274 | ..... | 128 | 14,273 | (10,007) | ..... | 10,007 |
| 78 Carlinville..... | ..... | 250 | ..... | 160 | 350 | 1,100 | 4,000 | 5,100 |
| 79 Centralia..... | 0 | 443 | 0 | ..... | 443 | 1,000 | 6,439 | 7,439 |
| 80 Champaign (west side)..... | 813 | 1,626 | 17 | ..... | 2,456 | (7,475) | ..... | 7,475 |
| 81 Chicago..... | 353,445 | 101,752 | 7,287 | 11,540 | 474,024 | 195,617 | 1,166,034 | 1,361,651 |
| 82 Danville *..... | ..... | 1,521 | ..... | ..... | 1,521 | 1,700 | 22,343 | 24,043 |
| 83 Decatur..... | 0 | 1,660 | 1,047 | ..... | 2,707 | 2,000 | 22,767 | 24,767 |

* Statistics of 1887-88.

a Expenditure for furniture and fuel are included in column 15.

b Expenditures for "permanent alterations and improvements" are included in column 14.

c Expenditures for books, apparatus, and stationery are included in column 15.

and vil ages containing over 4,000 inhabitants—Continued.

| Expenditures for the school year 1888-89. | | | | | | | | | | Paid on principal of loans and bonded debts. | Amount carried forward to next school year (1889-90). |
|---------------------------------------------|-----------------|------------------------|---------------------------|-------------------|-----------------------------|-------------------|----------------------|--------------------|---------|----------------------------------------------|-------------------------------------------------------|
| Incidental. | | | | | | | For evening schools. | Total expenditure. | | | |
| Pay of school board, clerks, janitors, etc. | Fuel and light. | Stationery for pupils. | Interest on indebtedness. | Ordinary repairs. | All other current expenses. | Total incidental. | | | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| \$300 | \$175 | | | | | \$175 | | \$25,830 | | 48 | |
| 2,150 | 2,415 | | \$2,600 | | \$200 | | | | 0 | \$17,263 | 49 |
| 167 | (c) | | 2,805 | | c4,504 | | | 17,918 | \$3,000 | 2,891 | 50 |
| 600 | | | | \$400 | 3,500 | 4,500 | | 37,000 | | 12,901 | 51 |
| | | | | | | | | | | | 52 |
| 355 | 186 | | 14 | 182 | 34 | 771 | \$154 | 5,662 | 0 | 82 | 53 |
| 6,823 | 4,631 | \$6,586 | 8,850 | 3,763 | 3,221 | 33,874 | | 134,880 | 5,000 | 21,145 | 54 |
| | | | | | | | | | | | |
| 28,527 | 16,000 | (c) | | b24,935 | c32,835 | | 2,736 | 668,353 | | 0 | 55 |
| 9,519 | 6,000 | (c) | | b9,410 | c15,057 | | 2,310 | 281,332 | | 0 | 56 |
| | | | | | | | | | | | |
| 39 | | | | | | | | | | | 57 |
| 475 | 196 | 0 | 853 | 267 | 188 | 1,979 | 0 | 10,714 | 2,386 | | 58 |
| 120 | 25 | | | | 25 | 170 | | 4,120 | | | 59 |
| | | | | | | | | | | | |
| 135 | 326 | | | | 629 | 1,090 | 0 | 9,326 | 0 | 1,295 | 60 |
| 255 | 321 | 64 | 1,000 | 0 | 657 | 2,297 | 0 | 13,265 | 2,600 | 1,591 | 61 |
| | 1,279 | 1,803 | 0 | 2,661 | 1,682 | 7,425 | 0 | 123,860 | 0 | 0 | 62 |
| 1,000 | 1,500 | | | | 790 | 3,200 | 0 | 53,090 | | 0 | 63 |
| | | | | | | 7,600 | 0 | 23,391 | 0 | 0 | 64 |
| | | | | | | 497 | | 4,489 | | 1,420 | 65 |
| | | | | | | | | | | | 66 |
| | | | | | | 560 | | 9,112 | | 1,593 | 67 |
| | 500 | | | 3,177 | 800 | | | | | 1,860 | 68 |
| | | | | | | | | | | | |
| (e) | | | 2,650 | | 1,009 | | | 13,015 | 2,500 | 0 | 69 |
| | | | | | | | | | | | |
| 2,340 | 1,304 | 1,017 | 1,884 | | 1,165 | 7,710 | | 36,829 | 4,000 | 15,973 | 70 |
| 851 | 339 | 17 | 960 | 256 | 252 | 2,675 | | 12,817 | 2,000 | 150 | 71 |
| | 675 | 240 | 3,024 | 1,663 | 552 | 6,154 | 0 | 36,647 | 0 | 10,121 | 72 |
| 576 | 227 | 75 | | 125 | 1,626 | 2,629 | 0 | 11,570 | 0 | 5,891 | 73 |
| 3,756 | 2,483 | | 3,230 | 4,814 | 5,893 | 20,206 | 0 | 59,942 | 15,000 | 1,434 | 74 |
| 730 | | | | | | | | | | | 75 |
| 1,010 | 408 | 0 | 360 | 449 | 1,242 | 3,469 | 0 | 29,456 | 0 | 683 | 76 |
| 1,245 | 376 | | 648 | | 1,943 | 4,212 | 0 | 28,492 | 14,000 | 1,171 | 77 |
| 465 | 500 | 75 | | 100 | 100 | 1,240 | | 6,695 | | | 78 |
| 860 | 210 | 7 | 698 | 254 | 533 | 2,569 | | 10,444 | 500 | 1,894 | 79 |
| 636 | 526 | 159 | 1,650 | | 262 | 3,233 | 0 | 13,164 | 0 | 1,474 | 80 |
| 148,315 | 50,583 | 17,778 | 78,397 | 91,982 | 39,493 | 426,548 | 56,162 | 2,318,385 | 2,000 | | 81 |
| 2,775 | 1,223 | 69 | 3,983 | | 2,618 | 10,623 | | 36,187 | 15,000 | 28,066 | 82 |
| 2,576 | 1,094 | 278 | 1,870 | 2,360 | 2,049 | 10,227 | 0 | 37,701 | 3,000 | 13,641 | 83 |

d The accounts of the city and the county schools are kept together, and it is impossible to make a financial statement for the city alone.

e "Salaries," \$9,036.

TABLE 19.—Statistics of expenditures of public schools of cities

| City. | Expenditures for the school year 1888-89. | | | | | | | |
|-------------------------|-------------------------------------------|-----------------------------------------|------------|---------------------------------------------------|------------------|-----------------------------------|-----------------------|--------------------|
| | Permanent. | | | | | For tuition. | | |
| | Sites, new buildings, and fixtures. | Permanent alterations and improvements. | Furniture. | Libraries, text-books, and educational apparatus. | Total permanent. | Salaries of supervising officers. | Salaries of teachers. | Total for tuition. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| ILLINOIS—continued. | | | | | | | | |
| 84 Effingham*..... | | \$50 | | | \$50 | \$720 | \$4,000 | \$4,720 |
| 85 Elgin*..... | \$113 | 664 | | | | 1,700 | 21,304 | 23,004 |
| 86 Evanston..... | 41,555 | 1,437 | \$614 | \$175 | 43,781 | 2,000 | 13,100 | 15,100 |
| 87 Freeport..... | | 4,604 | 682 | 227 | 5,513 | 1,800 | 16,258 | 18,058 |
| 88 Galena..... | 0 | 1,837 | 179 | 330 | 2,346 | 245 | 7,824 | 8,069 |
| 89 Galesburgh..... | 8,482 | 548 | 608 | | 9,638 | 3,840 | 19,644 | 23,484 |
| 90 Geneseo..... | | | | | | 1,350 | 5,500 | 6,850 |
| 91 Jacksonville..... | 4,969 | 4,388 | 167 | 295 | 9,819 | (19,327) | | 19,327 |
| 92 Joliet..... | 11,961 | 4,035 | 326 | | 16,322 | 1,600 | 26,847 | 28,447 |
| 93 Kankakee..... | 0 | 979 | 646 | 94 | 1,719 | 1,200 | 8,800 | 10,000 |
| 94 La Salle*..... | 0 | 1,000 | 0 | 50 | 1,050 | 100 | 9,925 | 10,025 |
| 95 Lincoln..... | 8,500 | | 800 | | 9,300 | 1,200 | 10,115 | 11,315 |
| 96 Litchfield..... | 7,928 | 960 | 1,030 | 40 | 9,958 | 1,200 | 6,063 | 7,263 |
| 97 Mendota..... | | 1,362 | 261 | 39 | 1,662 | (9,898) | | 9,898 |
| 98 Moline..... | 629 | 2,370 | 128 | 312 | 3,439 | 2,008 | 19,987 | 21,995 |
| 99 Monmouth*..... | 34,863 | | 2,063 | | 36,926 | | 10,452 | 10,452 |
| 100 Olney..... | | | 87 | | 87 | 950 | 5,423 | 6,373 |
| 101 Ottawa..... | | | 185 | 41 | 227 | 1,350 | 16,764 | 18,114 |
| 102 Paris..... | | | | | | 1,700 | 9,865 | 11,565 |
| 103 Pekin*..... | 3,000 | 1,200 | 25 | 100 | 4,325 | 1,500 | 10,400 | 11,900 |
| 104 Peoria..... | | 4,375 | 1,939 | | 6,314 | | | |
| 105 Peru..... | 1,500 | 670 | 0 | 54 | 2,224 | 1,400 | 7,650 | 9,050 |
| 106 Pullman*..... | | | 216 | 50 | 266 | 1,800 | 12,686 | 14,486 |
| 107 Quincy..... | 600 | 1,058 | 425 | | 2,083 | (33,096) | | 33,096 |
| 108 Rock Island..... | 0 | 1,300 | 0 | 200 | 1,500 | 4,000 | 21,922 | 25,922 |
| 109 Rockford..... | 60 | 1,856 | 55 | 212 | 2,183 | 2,000 | 36,982 | 38,982 |
| 110 Springfield..... | | | 400 | 175 | 575 | 1,800 | 43,200 | 45,000 |
| 111 Sterling..... | 0 | 0 | 0 | 278 | 278 | 1,500 | 5,877 | 7,377 |
| 112 Streator..... | 8,091 | 1,471 | 1,870 | | 11,432 | 1,375 | 15,265 | 16,640 |
| INDIANA. | | | | | | | | |
| 113 Anderson..... | 13,000 | | 295 | | 13,295 | 540 | 7,222 | 7,762 |
| 114 Aurora..... | | | | | | (8,267) | | 8,267 |
| 115 Brazil..... | | 3,383 | 400 | | 3,783 | 1,100 | 6,435 | 7,535 |
| 116 Columbus..... | 0 | 545 | 100 | 86 | 731 | 720 | 10,944 | 11,644 |
| 117 Crawfordsville..... | | | | | | (18,865) | | 18,865 |
| 118 Elkhart..... | | | | | | 3,300 | 81,279 | 84,579 |
| 119 Evansville..... | | | | | | 2,500 | 62,301 | 64,801 |
| 120 Fort Wayne..... | 8,765 | 3,123 | 1,782 | 746 | 14,416 | | | |
| 121 Frankfort..... | | | | | 1,310 | 1,500 | 10,805 | 12,305 |
| 122 Goshen..... | 2,700 | | | 200 | 2,900 | 1,125 | 9,056 | 10,182 |
| 123 Greencastle..... | | | 628 | 628 | | 9,522 | 173,466 | 182,988 |
| 124 Indianapolis..... | 5,949 | 599 | 490 | 1,810 | 8,848 | 1,300 | 17,217 | 18,517 |
| 125 Jeffersonville..... | | 72 | 16 | | 88 | 1,400 | 10,330 | 11,730 |
| 126 Kokomo..... | 4,154 | 2,089 | 573 | 430 | 7,196 | | | |
| 127 La Fayette*..... | | | | | 2,796 | (15,450) | | 15,450 |
| 128 La Porte*..... | | 250 | 250 | 700 | 1,200 | | | |
| 129 Lawrenceburgh..... | | | | | | 61,860 | 615,162 | 617,022 |
| 130 Logansport..... | | | | | | | | |
| 131 Madison*..... | | | | | 1,500 | | | |
| 132 Michigan City*..... | | | | | | | | |
| 133 Mount Vernon..... | | | | | | 1,400 | 12,458 | 13,858 |
| 134 Muncie..... | 4,000 | | | 200 | | | | |
| 135 New Albany*..... | | | | | | 120 | 9,897 | 9,998 |
| 136 Peru..... | 0 | 2,950 | 232 | 115 | 3,297 | 4,400 | 29,499 | 33,899 |
| 137 Richmond..... | 27,682 | 6,058 | 409 | 321 | 34,470 | 1,250 | 8,216 | 3,466 |
| 138 Seymour..... | 0 | | | 0 | | (8,133) | | 8,133 |
| 139 Shelbyville*..... | | | | | | 1,000 | 23,241 | 24,241 |
| 140 South Bend..... | | 2,000 | 1,122 | 2,321 | 28,168 | 2,500 | 60,933 | 63,433 |
| 141 Terre Haute..... | 22,725 | 0 | 200 | 325 | 525 | 1,400 | 7,802 | 9,203 |
| 142 Valparaiso..... | 0 | 0 | 200 | | 3,400 | 1,300 | 12,286 | 12,586 |
| 143 Vincennes..... | | 2,500 | 120 | 780 | 3,400 | | | |
| 144 Washington..... | 935 | | | 46 | 981 | 1,100 | 6,587 | 7,687 |

*Statistics of 1887-88.

a Includes overdraft of last year.

and villages containing over 4,000 inhabitants—Continued.

| Expenditures for the school year 1888-89. | | | | | | | | | Paid on principal of loans and bonded debts. | Amount carried forward to next school year (1889-90). |
|---------------------------------------------|-----------------|------------------------|---------------------------|-------------------|-----------------------------|----------------------|--------------------|-------------------|----------------------------------------------|-------------------------------------------------------|
| Incidental. | | | | | | For evening schools. | Total expenditure. | | | |
| Pay of school board, clerks, janitors, etc. | Fuel and light. | Stationery for pupils. | Interest on indebtedness. | Ordinary repairs. | All other current expenses. | | | Total incidental. | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| \$450 | \$100 | | \$60 | | \$50 | \$660 | | \$5,430 | \$2,500 | \$1,000 |
| 2,530 | 2,057 | | 2,878 | | 1,518 | 8,983 | | | | |
| 1,596 | 1,528 | \$91 | 1,640 | \$475 | 3,534 | 8,864 | | 67,745 | | 11,884 |
| 2,040 | 2,237 | | 1,188 | 1,048 | | 6,513 | 0 | 30,084 | 0 | 464 |
| 1,490 | 583 | | | | | 2,073 | | 12,488 | 2,600 | 7,503 |
| 2,265 | 3,072 | | | 548 | 741 | 6,626 | | 39,748 | | 7,960 |
| 600 | | | | | | | | | | |
| | | | | | | 5,585 | | 34,731 | | 16,232 |
| 300 | | | 3,006 | | | 12,170 | | 56,940 | 10,000 | 2,475 |
| 1,407 | 603 | 137 | 1,215 | 67 | 778 | 4,207 | 0 | 16,466 | 5,359 | 956 |
| 1,075 | 460 | 130 | 600 | | 650 | 2,915 | | 13,990 | 0 | 5,010 |
| 900 | 500 | | 25 | 400 | 250 | 2,075 | | | | |
| 858 | 438 | 60 | 1,121 | 100 | 1,666 | 4,243 | 0 | 30,346 | 8,882 | 530 |
| 665 | | | 360 | | 1,251 | 2,276 | | 16,336 | 2,500 | 10,456 |
| 2,593 | 1,358 | 343 | 625 | | 1,066 | 5,985 | | 31,419 | 664,976 | 1,910 |
| 1,701 | 261 | | 2,500 | | | 4,462 | | 51,840 | | 22,731 |
| 689 | 369 | 103 | 31 | 175 | 375 | 1,742 | | 8,202 | | 2,492 |
| 2,875 | 739 | 158 | 0 | 3,703 | 644 | 8,119 | 0 | 26,460 | 0 | 12,412 |
| | | | 1,500 | | | 0 | 0 | | 0 | |
| 1,816 | 473 | | | | 2,026 | 4,315 | | 20,540 | | 11,461 |
| | | | | | | | \$1,268 | | | |
| 1,122 | 296 | 38 | 75 | 239 | 193 | 1,968 | 0 | 98,839 | | 104 |
| 1,685 | 422 | | 48 | | 9,010 | 11,165 | | 13,242 | 0 | 105 |
| 3,036 | 1,809 | 85 | 429 | 917 | 3,991 | 10,267 | | 25,917 | 350 | 1,772 |
| 3,450 | 1,202 | 325 | 2,575 | 1,291 | 10,457 | 19,300 | 0 | 45,446 | | 5,817 |
| (8,039) | 0 | | | | | 69,021 | 0 | 46,722 | 18,300 | 0 |
| 3,668 | 900 | 42 | 100 | 1,500 | 700 | 6,910 | | 50,916 | 0 | 12,130 |
| 600 | 433 | 177 | 418 | 484 | 405 | 2,517 | 0 | 52,485 | | 14,758 |
| 2,140 | 683 | | 165 | 4,971 | 338 | 8,298 | | 10,172 | 1,500 | 5,943 |
| | | | | | | | | 36,370 | 4,000 | 8,188 |
| | | | | | | | | | | |
| 690 | 100 | 0 | 80 | 391 | 532 | 1,793 | 0 | 22,850 | 2,000 | 5,144 |
| 950 | 400 | 20 | 150 | 300 | 200 | 2,020 | 0 | 8,267 | | 8,202 |
| 1,185 | 588 | | 0 | 210 | 547 | 2,530 | | 13,338 | 0 | 9,978 |
| | | | | | | | | 14,925 | | 2,299 |
| 1,550 | | 200 | | | 6,399 | 8,149 | 0 | | | 117 |
| 7,805 | | | | | 614,121 | 621,926 | | 27,014 | 0 | 7,462 |
| 6,738 | 3,077 | 525 | 0 | 1,000 | 1,361 | 12,701 | 0 | 6103,183 | | 636,283 |
| | | | | | | | | 91,918 | 0 | 40,806 |
| 765 | 800 | 275 | | | | 1,840 | | 14,269 | | 7,176 |
| 1,392 | 414 | | | 179 | 2,348 | 4,333 | 0 | 17,045 | 3,640 | 9,088 |
| 21,226 | 4,597 | 2,552 | 11,805 | 6,283 | 16,952 | 63,345 | | 15,143 | 0 | 8,537 |
| 1,569 | 623 | | 820 | | 1,046 | 4,058 | | 255,181 | 100,057 | 123 |
| 1,115 | 379 | | 699 | 217 | 231 | 2,642 | 0 | 22,663 | 1,500 | 124 |
| | | | | | | | | 21,568 | 0 | 125 |
| 1,150 | 1,050 | 105 | | | | | | 37,623 | | 823 |
| | | | | | | | | | | 39,933 |
| 61,619 | 61,197 | 69 | | | 6817 | 63,642 | 0 | | | 127 |
| | | | | | | | | 18,955 | | 128 |
| | | | | | | | | | | 129 |
| | | | | | | | | 23,520 | 0 | 7,089 |
| | | | | | | | | 24,069 | | 13,618 |
| | | | | | | | | 15,617 | | 10,756 |
| 1,732 | 500 | 100 | | 700 | | | | | | 133 |
| | | | | | | | | 40,411 | | 27,857 |
| 650 | 50 | | | | | | | | | 134 |
| 4,362 | 1,823 | 291 | 2,100 | 321 | 6,643 | 15,540 | 0 | 83,909 | 5,000 | 28,013 |
| | | 0 | 1,260 | | | | 0 | | 1,000 | 136 |
| | | | | | | | | | | 137 |
| 2,220 | 2,425 | | 523 | | 1,973 | 3,528 | | 11,661 | | 4,767 |
| 5,910 | 1,800 | 200 | 0 | 2,000 | 1,468 | 7,141 | 0 | 34,679 | 0 | 30,375 |
| 637 | 530 | 327 | | 261 | 448 | 11,378 | 0 | 102,984 | 0 | 13,159 |
| 960 | 230 | | | 260 | 163 | 2,202 | 0 | 11,930 | 0 | 141 |
| 834 | 225 | 25 | | 260 | 163 | 1,613 | 0 | 17,599 | 0 | 17,770 |
| | | | | 175 | 1,104 | 2,363 | 0 | 11,031 | 0 | 5,043 |

b In 1887-88.

c Overdraft, \$11,887.

TABLE 19.—Statistics of expenditures of public schools of

| City. | Expenditures for the school year 1888-89. | | | | | | | |
|----------------------------|-------------------------------------------|--------------------------------------------|------------|-----------------------------------------------------------|-------------------|--------------------------------------|-----------------------|--------------------|
| | Permanent. | | | | | For tuition. | | |
| | Sites, new buildings, and fixtures. | Permanent alterations and improvements. | Furniture. | Libraries, text-books, and educational ap- paratus. | Total, permanent. | Salaries of supervising officers. | Salaries of teachers. | Total for tuition. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| IOWA. | | | | | | | | |
| 145 Atlantic | \$484 | | \$388 | \$46 | \$918 | \$1,200 | \$8,276 | \$9,476 |
| 146 Boone | | | | | | (11,175) | | 11,175 |
| 147 Burlington | | | | | | 1,900 | 47,000 | 48,900 |
| 148 Cedar Rapids | | | | | | | | |
| 149 Clinton | | | | | | | | |
| 150 Council Bluffs | 28,029 | | | | 28,029 | (35,700) | | 35,700 |
| 151 Creston | 23,000 | | 550 | 100 | 23,650 | 1,400 | 13,760 | 15,160 |
| 152 Davenport | 540 | \$150 | 508 | 174 | 1,372 | (61,801) | | 61,801 |
| 153 Des Moines, East | 0 | 5,419 | 153 | 613 | 6,185 | 2,230 | 31,808 | 34,038 |
| 154 Des Moines, West | 51,516 | 3,000 | 1,200 | 668 | 56,384 | 11,870 | 48,834 | 60,704 |
| 155 Dubuque | 12,700 | 2,293 | 254 | 56 | 15,303 | 0 | 42,270 | 42,270 |
| 156 Fort Dodge | 90 | 132 | 32 | 94 | 348 | 1,500 | 8,265 | 9,765 |
| 157 Fort Madison | | | | | | | | |
| 158 Iowa City | | | | | | 1,425 | 12,555 | 13,980 |
| 159 Keokuk | 0 | 0 | 0 | 0 | 0 | (26,958) | | 26,958 |
| 160 Le Mars | | | | | | | | |
| 161 Lyons | | | 48 | | 48 | (8,463) | | 8,463 |
| 162 Marshalltown | 0 | 0 | 220 | 391 | 611 | 1,800 | 21,779 | 22,579 |
| 163 Mount Pleasant | 0 | 0 | 0 | | 0 | 0 | 8,579 | 8,579 |
| 164 Muscatine* | | | 1,143 | | 1,143 | 1,500 | 21,261 | 22,761 |
| 165 Oskaloosa | | | | | 950 | (17,829) | | 17,829 |
| 166 Ottumwa | | | | | | | | |
| 167 Sioux City | | | | | | | | |
| 168 Waterloo* | 0 | 61,622 | | 31 | | 1,650 | 6,788 | 8,433 |
| KANSAS. | | | | | | | | |
| 169 Atchison | | 1,860 | | | 1,860 | 1,375 | 18,760 | 20,135 |
| 170 Clay Centre | 1,137 | 615 | 146 | 150 | 2,048 | 1,200 | 6,413 | 7,613 |
| 171 El Dorado | | | | | | 1,000 | 8,120 | 9,120 |
| 172 Emporia | | 3,835 | | | 3,835 | 1,600 | 18,816 | 20,416 |
| 173 Fort Scott | 0 | 941 | 745 | 38 | 1,724 | 1,000 | 15,627 | 17,227 |
| 174 Hutchinson | 8,718 | 0 | 1,079 | 50 | 9,874 | 1,500 | 13,530 | 15,030 |
| 175 Independence | 0 | 0 | 0 | 0 | 0 | 1,200 | 7,240 | 8,440 |
| 176 Kansas City | 83,647 | | 4,383 | | 88,030 | 2,000 | 48,899 | 50,899 |
| 177 Lawrence | 150 | | 453 | | 603 | 1,200 | 14,618 | 15,818 |
| 178 Leavenworth | 0 | 0 | 693 | 632 | 1,325 | 2,403 | 33,087 | 35,487 |
| 179 Newton | 60,548 | 278 | 711 | 105 | 61,642 | 1,350 | 13,096 | 14,446 |
| 180 Ottawa | | 442 | 122 | 207 | 771 | 1,450 | 10,257 | 11,707 |
| 181 Parsons | | | | | | 1,200 | 13,505 | 14,705 |
| 182 Salina | | | | | | (11,930) | | 11,930 |
| 183 Topeka | 12,331 | 1,771 | 991 | | 15,093 | 2,500 | 53,607 | 56,107 |
| 184 Wellington | 0 | 0 | 0 | 221 | 221 | (11,092) | | 11,092 |
| 185 Wichita | | 490 | 2,601 | | 3,091 | 2,000 | 38,581 | 40,581 |
| 186 Winfield | 0 | 120 | 269 | 0 | 389 | 1,800 | 11,215 | 13,015 |
| KENTUCKY. | | | | | | | | |
| 187 Ashland | | | | | | | | |
| 188 Bowling Green* | | 0 | | | | 1,500 | 8,100 | 9,600 |
| 189 Covington | 16,840 | 0 | 0 | 0 | 16,840 | 1,350 | 42,064 | 43,414 |
| 190 Dayton | 523 | 1,598 | | | | 1,000 | 43,500 | 44,500 |
| 191 Hopkinsville | | | | | | 1,300 | 4,850 | 6,150 |
| 192 Lexington | 30,000 | | | | 30,000 | (25,000) | | 25,000 |
| 193 Louisville | 73,229 | | | | 73,229 | 3,850 | 269,350 | 263,200 |
| 194 Newport | | | | | | 4,000 | 30,000 | 34,000 |

* Statistics of 1887-88.

a In 1887-88.

b Expenditure for fuel included in column 3.

c Orders outstanding amount to \$14,135.

cities and villages containing over 4,000 inhabitants—Continued.

| Expenditures for the school year 1888-89. | | | | | | | | | | | |
|---------------------------------------------|--------------------------|------------------------|---------------------------|-------------------|-----------------------------|-----------------------------|----------------------|--------------------|----------------------------------------------|-------------------------------------------------------|-----|
| Incidental. | | | | | | | For evening schools. | Total expenditure. | Paid on principal of loans and bonded debts. | Amount carried forward to next school year (1889-90). | |
| Pay of school board, clerks, janitors, etc. | Fuel and light. | Stationery for pupils. | Interest on indebtedness. | Ordinary repairs. | All other current expenses. | Total incidental. | | | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| \$1,170 a1,000 4,342 | \$1,047 a600 a\$10 | | \$1,875 a500 | \$159 | \$864 | \$5,115 a2,140 18,530 | 0 | \$15,509 | \$2,500 | \$6,178 | 145 |
| | | | | | | | | 67,430 | | | 146 |
| | | | | | | | | | | | 147 |
| | | | | | | | | | | | 148 |
| | | | | | | | | | | | 149 |
| 3,500 | 3,510 | | 3,760 | 216 | 16,935 | 27,921 | 0 | 91,650 | 2,500 | 42,759 | 150 |
| 2,500 | 700 | 350 | 2,500 | 1,500 | 0 | 7,550 | 0 | | 0 | | 151 |
| 5,777 | 4,266 | 251 | | 2,888 | 2,081 | 15,263 | \$667 | 79,103 | | 27,080 | 152 |
| 5,421 | 2,067 | 865 | 4,010 | 732 | 2,485 | 15,580 | 0 | 55,803 | 0 | 16,264 | 153 |
| 6,800 | 3,000 | 300 | 7,750 | 2,147 | 7,911 | 27,908 | 800 | 145,796 | 10,000 | 0 | 154 |
| 5,150 | 4,362 | 176 | 330 | 1,048 | 3,788 | 14,854 | 0 | 72,427 | | 5,513 | 155 |
| 1,125 | 546 | 48 | 575 | 362 | 366 | 3,022 | 0 | 13,135 | 3,000 | 9,979 | 156 |
| | | | | | | | | | | | 157 |
| 1,740 | 1,584 | 233 | 255 | 416 | 4,526 | 8,754 | | 22,734 | 5,367 | 4,786 | 158 |
| 2,700 | 1,302 | | 780 | | | | 0 | | 0 | | 159 |
| | | | | | | | | | | | 160 |
| 880 | 409 | | 450 | 764 | 344 | 2,847 | | 11,358 | | 1,662 | 161 |
| 2,092 | 1,719 | 246 | 3,308 | 1,206 | 612 | 9,183 | 0 | 32,373 | 0 | 21,123 | 162 |
| 1,016 | 563 | 0 | 0 | (1,434) | | 3,018 | 0 | 11,597 | 0 | 1,776 | 163 |
| 1,871 | 1,010 | | 483 | | 478 | 3,842 | | 27,746 | 4,000 | 1,195 | 164 |
| 1,769 | 875 | 308 | 885 | | 1,201 | 5,038 | 0 | 23,317 | 2,000 | | 165 |
| 2,500 | 1,000 | | 2,500 | 3,000 | | | | | | | 166 |
| | | | | | | | | | | | 167 |
| 603 | (b) | 0 | 925 | 446 | | 1,974 | | 12,060 | 0 | 3,690 | 168 |
| | | | | | | | | | | | |
| 1,950 | 1,222 | 629 | 4,350 | 1,328 | 1,262 | 10,741 | 0 | 32,736 | 0 | | 169 |
| 768 | 971 | 0 | 2,950 | 254 | 298 | 5,241 | 0 | 14,902 | | 3,266 | 170 |
| 1,370 | | 15 | | | | a4,206 | | 13,575 | 1,000 | | 171 |
| 2,065 | 957 | 249 | 0 | 824 | 425 | 4,520 | 0 | 28,771 | 0 | 1,541 | 172 |
| 1,890 | 1,186 | 63 | 293 | 52 | 298 | 3,782 | 0 | 22,732 | 0 | 359 | 173 |
| 1,472 | 814 | 20 | 1,075 | 1,187 | 2,593 | 7,161 | | 32,038 | | 38,974 | 174 |
| 956 | 460 | 30 | 1,120 | 175 | 906 | 3,647 | 0 | 12,087 | 1,000 | 1,421 | 175 |
| 7,438 | 2,161 | | 3,878 | 1,437 | 3,820 | 18,734 | | 157,663 | 3,563 | | 176 |
| 2,091 | 1,224 | | 1,918 | 3,310 | 853 | 9,396 | | 31,880 | 6,063 | 7,547 | 177 |
| 3,908 | 1,575 | 544 | 11,056 | 2,060 | 1,785 | 20,928 | 0 | 57,740 | 12,000 | 9,116 | 178 |
| 1,320 | 557 | | 3,900 | | 4,080 | 9,887 | 0 | 85,875 | 6,630 | 9,016 | 179 |
| 1,075 | 1,083 | 121 | 2,648 | | 1,026 | 5,954 | 0 | 13,432 | 0 | 738 | 180 |
| 0 | 0 | | 1,702 | | 217 | 1,917 | | 16,624 | 3,011 | 2,084 | 181 |
| | | | | | | a3,533 | | 22,522 | | 5,482 | 182 |
| 6,258 | 2,693 | 571 | 14,142 | 1,434 | 3,894 | 28,992 | 0 | 100,192 | 0 | c9,717 | 183 |
| | (3,961) | | (d) | | | | | | | | |
| 5,569 | 2,545 | 1,598 | 3,744 | | 6,192 | 19,648 | | 63,321 | a2,811 | 4,981 | 184 |
| 1,435 | 503 | 0 | 0 | 957 | 715 | 3,610 | 0 | 17,014 | 5,767 | 19,180 | 185 |
| | | | | | | | | | 0 | 73 | 186 |
| | | | | | | | | | | | |
| | | | | | | | | | | | 187 |
| 720 | 450 | | 1,000 | | | 1,270 | | 10,870 | | | 188 |
| 500 | 931 | 300 | 444 | 1,375 | 1,742 | 5,292 | 576 | 66,122 | 15,148 | 5,876 | 189 |
| a375 | a150 | a0 | a690 | | a300 | a1,515 | | 7,545 | 1,013 | 579 | 190 |
| e300 | e148 | | | | e363 | | | | | | 191 |
| 1,000 | 1,500 | 200 | | 1,200 | 500 | 4,400 | 0 | 59,400 | 0 | | 192 |
| 20,782 | | | | 24,117 | 29,203 | 71,102 | 5,029 | 415,560 | 0 | | 193 |
| 3,063 | 1,500 | | 3,000 | | | 7,563 | 0 | 41,563 | | f0 | 194 |

d "Interest" is included in column 19.

e Estimated.

f Deficit, \$3,084.

TABLE 19.—Statistics of expenditures of public schools of cities

| City. | Expenditures for the school year 1888-89. | | | | | | | |
|-----------------------|-------------------------------------------|-----------------------------------------|------------|---------------------------------------------------|------------------|-----------------------------------|-----------------------|--------------------|
| | Permanent. | | | | | For tuition. | | |
| | Sites, new buildings, and fixtures. | Permanent alterations and improvements. | Furniture. | Libraries, text-books, and educational apparatus. | Total permanent. | Salaries of supervising officers. | Salaries of teachers. | Total for tuition. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| KENTUCKY—continued. | | | | | | | | |
| 195 Owensborough..... | 0 | \$640 | \$279 | 0 | \$919 | \$1,700 | \$10,905 | \$11,605 |
| 196 Paducah..... | \$1,454 | 5,250 | 454 | \$125 | 6,829 | 1,500 | 12,600 | 14,100 |
| 197 Paris..... | 3,000 | | 300 | | | 1,250 | 4,600 | 5,850 |
| LOUISIANA. | | | | | | | | |
| 198 New Orleans*..... | | 2,800 | 1,000 | 200 | 4,000 | 3,000 | 180,287 | 183,287 |
| MAINE. | | | | | | | | |
| 199 Auburn*..... | | | | | | 360 | 18,515 | 18,875 |
| 200 Augusta..... | | 300 | 150 | 632 | 1,082 | 300 | 15,860 | 15,160 |
| 201 Bangor..... | | | | | | 1,150 | | |
| 202 Bath*..... | | | | | 1,611 | 300 | 12,231 | 12,531 |
| 203 Belfast*..... | | | | | | 150 | | |
| 204 Biddeford..... | 0 | 0 | 0 | 500 | 500 | 1,600 | 20,302 | 21,902 |
| 205 Calais..... | 0 | 600 | 200 | 100 | 900 | 300 | 9,000 | 9,300 |
| 206 Ellsworth..... | | | | | | | | |
| 207 Lewiston..... | | | | (d) | | 1,700 | 27,498 | 29,198 |
| 208 Portland..... | 0 | 1,473 | 1,097 | 200 | 2,720 | 2,250 | 73,901 | 76,151 |
| 209 Rockland..... | | | | | | | | |
| 210 Saco..... | | 312 | | 32 | 374 | (10,563) | | 10,563 |
| MARYLAND. | | | | | | | | |
| 211 Baltimore..... | 48,989 | 12,989 | 9,000 | 40,000 | 110,978 | 10,000 | 573,491 | 583,491 |
| 212 Frederick..... | 1,500 | 250 | 160 | 150 | 2,060 | (5,054) | | 5,054 |
| 213 Hagerstown..... | 2,953 | 480 | 405 | 64 | 3,906 | | 9,778 | 9,778 |
| MASSACHUSETTS. | | | | | | | | |
| 214 Attleborough..... | | | 75 | 850 | 925 | 1,000 | 12,500 | 13,500 |
| 215 Beverly*..... | 0 | 3,220 | 0 | 0 | 3,220 | 0 | 16,501 | 16,501 |
| 216 Boston..... | 164,794 | 153,065 | 36,544 | 40,832 | 395,235 | 46,080 | 1,226,061 | 1,272,141 |
| 217 Brockton..... | | | | 2,905 | | (42,098) | | 42,098 |
| 218 Brookline..... | 46,417 | 2,342 | | | | 2,500 | | |
| 219 Cambridge..... | 24,713 | | | 10,937 | 35,650 | 4,700 | 171,074 | 175,774 |
| 220 Chelsea..... | | | | 3,321 | | (57,999) | | 57,999 |
| 221 Chicopee..... | | | | | | (17,360) | | 17,360 |
| 222 Clinton..... | 0 | 0 | 0 | 1,137 | 1,137 | 2,300 | 16,648 | 18,948 |
| 223 Danvers..... | | | | | | | 12,125 | 12,125 |
| 224 Dedham..... | | | 295 | 442 | 737 | (25,604) | | 25,604 |
| 225 Everett..... | 22,521 | | 417 | 1,462 | 24,400 | 0 | 13,300 | 13,300 |
| 226 Fall River..... | | (8) | | 41,493 | | 2,500 | 110,330 | 112,830 |
| 227 Fitchburg..... | 1,239 | 2,192 | 500 | 3,431 | 7,362 | 2,500 | 40,203 | 42,703 |
| 228 Gloucester..... | 39,493 | 2,000 | 500 | 4,500 | 46,493 | 2,000 | 47,255 | 49,255 |
| 229 Haverhill..... | | | | 2,573 | 2,573 | (52,993) | | 52,993 |
| 230 Holyoke*..... | 51,197 | 3,425 | 2,067 | 2,590 | 59,279 | 2,000 | 47,488 | 49,488 |
| 231 Hyde Park..... | 5,000 | | | 3,079 | 8,079 | 0 | 23,765 | 23,765 |
| 232 Lawrence..... | 0 | 0 | 0 | 2,000 | | 2,200 | 66,072 | 68,272 |
| 233 Lowell..... | 34,655 | 18,262 | 2,325 | 8,579 | 63,821 | 3,800 | 132,095 | 138,895 |
| 234 Lynn..... | 26,015 | 14,005 | 2,452 | 6,378 | 48,850 | 2,250 | 93,060 | 95,310 |
| 235 Malden..... | | (27,530) | | 6,541 | 34,071 | 2,100 | 43,831 | 45,931 |
| 236 Marblehead..... | | | | | | (14,175) | | 14,175 |

* Statistics of 1887-88.

a Salaries of janitors included in column 8.

b In 1887-88.

c Overdraft, \$252.

d Expenditure for text-books is included in column 12.

e Account overdrawn by \$3,850.

and villages containing over 4,000 inhabitants—Continued.

| Expenditures for the school year 1888-89. | | | | | | | | | | Paid on principal of loans and bonded debts. | Amount carried forward to next school year (1888-89). |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------|
| Incidental. | | | | | | | For evening schools. | Total expenditures. | | | |
| Pay of school board, clerks, janitors, etc. | Fuel and light. | Stationery for pupils. | Interest on indebtedness. | Ordinary repairs. | All other current expenses. | Total incidental. | | | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| (a) \$1,150 225 | \$377 850 165 | 0 | 0 | \$200 100 | \$1,415 161 | a\$2,792 2,361 b1,140 | 0 0 | \$15,316 23,290 | 0 | \$4,829 712 | 195 196 197 |
| 15,440 | 2,000 | | \$741 | | 8,768 | 26,949 | | 214,236 | 0 | 0 | 198 |
| 1,347 1,045 | 1,655 1,575 | 1,426 | | 1,189 | 1,328 | 5,137 | | 24,415 22,379 | | | 199 200 |
| 878 | 731 | 736 | | | 373 | 2,718 | | 36,935 16,860 | | | 201 202 |
| 1,115 | 1,400 700 | 0 | 0 | 1,692 600 | 503 152 | 4,710 1,452 | \$530 0 | 10,005 27,642 7,028 | 0 0 | 1,377 0 | 203 204 205 |
| 2,485 6,829 | 3,963 6,431 | d3,588 2,697 | 0 | 444 4,817 | 2,265 1,837 | 22,611 | 1,521 0 | 93,464 101,482 | 0 | e0 | 206 207 208 |
| 828 | 554 | | | 650 | 588 | 2,620 | 0 | 13,294 13,557 | 0 | | 209 210 |
| 30,500 240 0 | 20,000 340 443 | (f) 100 65 | 0 0 | 7,000 110 272 | 76,085 50 129 | 133,585 840 909 | 0 0 | 828,054 7,954 14,593 | 0 0 | 0 46 | 211 212 213 |
| 1,540 1,769 134,465 3,501 400 (36,064) | 1,450 1,254 71,645 | 1,098 9,002 | 0 | 650 (g) | 1,075 948 32,097 2,297 | 4,715 5,669 247,209 | 19,140 25,390 55,429 817 | \$5,000 0 1,970,014 51,618 | 0 | 0 799 | 214 215 216 217 |
| 7,980 1,572 1,800 1,375 2,657 1,792 21,542 3,460 3,443 3,771 3,730 1,757 5,022 19,117 12,363 3,833 815 | 3,674 1,370 2,000 1,270 2,386 1,714 7,494 4,804 3,672 4,831 2,851 1,570 6,500 11,878 6,963 4,236 1,035 | (f) 1,294 600 815 1,563 269 d11,416 500 504 (f) | 0 0 0 0 0 0 0 0 2,575 0 | h3,695 992 1,331 500 2,888 1,107 i15,639 1,374 4,397 1,579 8,305 695 5,000 9,202 4,029 3,378 576 | 2,390 1,018 1,510 670 865 2,448 3,726 337 1,579 14,886 8,597 5,981 1,710 703 825 | 37,080 6,246 7,241 4,630 9,494 5,747 11,837 2,226 12,353 10,181 14,886 501 2,000 46,178 29,154 12,152 4,614 | 2,251 683 1,886 457 185 130 0 11,837 2,226 108,101 65,747 123,653 40,942 92,000 256,306 174,858 93,716 18,789 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 0 0 0 799 0 0 11,421 j2,238 0 k0 0 0 610 231 232 233 234 235 236 | | |

f Stationery for pupils is included in column 5.

g Expenditure for ordinary repairs is included in column 3.

h Includes "care of buildings."

i Expenditures for permanent improvements are included in column 14.

j \$166 of this amount was carried to the sinking fund.

k The account was overdrawn \$1,196.

TABLE 19.—Statistics of expenditures of public schools of cities

| City. | Expenditures for the school year 1888-89. | | | | | | | |
|-------------------------|-------------------------------------------|-----------------------------------------|------------|---------------------------------------------------|------------------|-----------------------------------|-----------------------|--------------------|
| | Permanent. | | | | | For tuition. | | |
| | Sites, new buildings, and fixtures. | Permanent alterations and improvements. | Furniture. | Libraries, text-books, and educational apparatus. | Total permanent. | Salaries of supervising officers. | Salaries of teachers. | Total for tuition. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| MASSACHUSETTS—cont'd. | | | | | | | | |
| 237 Marlborough..... | | \$2,218 | \$82 | \$1,996 | | \$1,747 | \$22,502 | \$24,249 |
| 238 Medford..... | \$40,122 | | | (b) | | 1,000 | 27,960 | 28,960 |
| 239 Milford..... | | 542 | | 1,320 | \$1,862 | 1,500 | 15,944 | 17,444 |
| 240 New Bedford..... | 23,450 | 4,150 | | 3,552 | 31,182 | 2,260 | 73,397 | 75,657 |
| 241 Newburyport*..... | | 300 | | | 300 | 800 | 18,025 | 18,825 |
| 242 Newton..... | 4,544 | 6,920 | | | 11,464 | 2,800 | 89,922 | 92,722 |
| 243 North Adams..... | 35,000 | 10,000 | | 503 | 45,503 | (22,136) | | 22,136 |
| 244 Northampton..... | 6,000 | 132 | 249 | 2,496 | 8,877 | 1,800 | 23,406 | 25,206 |
| 245 Peabody..... | | | | | | (21,401) | | 21,401 |
| 246 Pittsfield..... | 40,000 | 0 | 0 | 522 | 40,522 | 2,500 | 28,460 | 30,960 |
| 247 Plymouth..... | | 1,000 | 280 | | 1,280 | 1,950 | 16,833 | 18,783 |
| 248 Quincy..... | | | | | | 1,558 | 31,324 | 32,882 |
| 249 Salem..... | | 4,915 | (3,710) | | 8,625 | (55,970) | | 65,970 |
| 250 Somerville..... | 4,903 | 913,994 | | 5,343 | | 2,417 | 85,080 | 87,497 |
| 251 Southbridge..... | 0 | 3,779 | 202 | 37 | 4,018 | 1,770 | 9,418 | 11,188 |
| 252 Spencer..... | | 1,788 | | | | 1,100 | | |
| 253 Springfield..... | 34,905 | 4,274 | (7) | 2,281 | 41,460 | 3,375 | 90,004 | 93,379 |
| 254 Stoneham..... | | 953 | 162 | 909 | 2,034 | 0 | 14,000 | 14,000 |
| 255 Taunton..... | | | 1,079 | 2,565 | 3,644 | (k) | (k) | (k) |
| 256 Waltham..... | 0 | 5,865 | 287 | 2,126 | 8,278 | 2,200 | 38,150 | 40,350 |
| 257 Watertown..... | | | | 1,738 | 1,738 | 500 | 18,600 | 19,100 |
| 258 Westfield*..... | 0 | 1,300 | 200 | 150 | 1,650 | 700 | 18,942 | 19,642 |
| 259 Weymouth..... | 12,000 | 2,500 | 600 | 3,000 | 18,100 | 2,163 | 23,252 | 25,415 |
| 260 Woburn..... | | | | 2,008 | 2,008 | 2,000 | 21,902 | 23,902 |
| 261 Worcester..... | 4,800 | 15,110 | 1,290 | 11,151 | 32,351 | 3,500 | 183,331 | 186,831 |
| MICHIGAN. | | | | | | | | |
| 262 Adrian..... | | 1,535 | | 557 | 2,092 | 1,700 | 13,051 | 14,751 |
| 263 Alpena..... | 7,500 | | | 350 | 7,850 | 1,600 | 12,650 | 14,250 |
| 264 Ann Arbor..... | 22,482 | 1,399 | | 281 | 24,162 | 2,200 | 24,109 | 26,309 |
| 265 Battle Creek*..... | | | | | | (15,801) | | 15,801 |
| 266 Bay City..... | 17,536 | 2,343 | 1,000 | | 20,879 | 2,000 | 33,524 | 35,524 |
| 267 Big Rapids*..... | | | | | | 1,500 | 9,728 | 10,628 |
| 268 Cadillac..... | 4,371 | 1,044 | 1,168 | 525 | 7,108 | 1,400 | 8,069 | 9,469 |
| 269 Cheboygan*..... | 1,000 | 75 | 300 | 200 | 1,575 | 1,000 | 2,461 | 3,461 |
| 270 Coldwater..... | | | 843 | 144 | 987 | 1,400 | 9,044 | 10,444 |
| 271 Detroit*..... | 152,965 | 46,013 | 871 | 1,780 | 201,629 | 8,300 | 242,071 | 250,371 |
| 272 East Saginaw..... | 18,719 | 2,202 | 1,534 | 2,674 | 25,129 | 2,500 | 47,331 | 49,831 |
| 273 Escanaba..... | 4,228 | 945 | 148 | 502 | 5,823 | 1,200 | 4,409 | 5,609 |
| 274 Flint*..... | | | | 828 | | 2,125 | 22,208 | 24,333 |
| 275 Grand Haven..... | | | 175 | 248 | 423 | 1,200 | 8,960 | 10,160 |
| 276 Grand Rapids..... | 13,692 | 897 | 1,879 | 6,452 | 22,920 | 2,500 | 111,875 | 114,375 |
| 277 Ionia*..... | | | | | | (11,680) | | 11,680 |
| 278 Ishpeming*..... | | | | | | 2,000 | 9,089 | 11,089 |
| 279 Jackson..... | | | | | | 1,800 | 21,611 | 23,411 |
| 280 Kalamazoo..... | 1,200 | | 400 | 1,237 | 2,837 | 2,200 | 25,279 | 27,479 |
| 281 Lansing..... | | | | | | 2,400 | 14,773 | 17,173 |
| 282 Ludington..... | 18,456 | 3,117 | 2,830 | 387 | 24,790 | 1,250 | 13,470 | 14,720 |
| 283 Manistee*..... | | | | | | 1,500 | 17,089 | 18,589 |
| 284 Marquette..... | 8,000 | | 300 | | 8,300 | 400 | 13,115 | 13,515 |
| 285 Marshall..... | 0 | 602 | 387 | 857 | 1,906 | 1,500 | 8,425 | 9,925 |
| 286 Menominee..... | 3,507 | | 1,019 | 263 | 4,789 | 1,400 | 11,430 | 12,830 |
| 287 Monroe*..... | 8,000 | 100 | 500 | 100 | 8,700 | (4,850) | | 4,850 |
| 288 Mount Clemens*..... | | | | | | (5,074) | | 5,074 |
| 289 Muskegon..... | 112,074 | 27,055 | (7) | | | (49,083) | | 49,083 |
| 290 Negaunee*..... | | 2,222 | 1,000 | 0 | 3,222 | 1,600 | 7,583 | 9,183 |
| 291 Niles..... | | | 308 | 476 | 784 | 1,600 | 7,909 | 9,509 |
| 292 Owosso*..... | | | | | | (11,340) | | 11,340 |

* Statistics of 1887-88.

a Expenditure for stationery is included in column 5.

b Expenditure for text-books is included in column 12.

c Expenditure for fuel is included in column 15.

d \$664 were "transferred to unappropriated funds."

e Deficit \$137.

f Deficit \$120.

and villages containing over 4,000 inhabitants—Continued.

| Expenditures for the school year 1888-89. | | | | | | | | | | | Paid on principal of loans and bonded debts. | Amount carried forward to next school year (1889-90). |
|---------------------------------------------|-----------------|------------------------|---------------------------|-------------------|-----------------------------|-------------------|----------------------|--------------------|---------|----------|----------------------------------------------|-------------------------------------------------------|
| Incidental. | | | | | | | For evening schools. | Total expenditure. | | | | |
| Pay of school board, clerks, janitors, etc. | Fuel and light. | Stationery for pupils. | Interest on indebtedness. | Ordinary repairs. | All other current expenses. | Total incidental. | | | | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | | | | | | |
| \$1,902 | \$1,615 | (a) | | \$293 | \$1,697 | | | \$80,620 | | | 237 | |
| 2,531 | (c) | b\$2,104 | | | c6,903 | | | 22,675 | | 0 | 238 | |
| 920 | 1,117 | | | 572 | 760 | \$3,339 | | 136,257 | | | 239 | |
| 9,075 | 3,949 | 650 | | 5,460 | 2,763 | 21,897 | \$7,521 | 22,304 | | d\$2,494 | 240 | |
| 980 | 600 | 418 | 0 | | 1,181 | 3,179 | | 129,037 | | | 241 | |
| 7,130 | 7,352 | | | | | 24,277 | 574 | 79,269 | | | 242 | |
| | | | | | | 10,024 | 1,606 | 42,344 | | 653 | 243 | |
| 1,572 | 1,451 | | | 2,077 | 2,467 | 7,567 | 694 | 30,807 | | | 244 | |
| 2,071 | 2,769 | 1,426 | | | 3,140 | 9,406 | | 85,548 | 0 | 111 | 245 | |
| 2,205 | 2,438 | 1,938 | 0 | 4,333 | 2,073 | 12,987 | 1,079 | 25,944 | | e0 | 246 | |
| 1,209 | 1,661 | 1,505 | | 864 | 881 | 5,620 | 261 | 51,160 | | f0 | 247 | |
| 2,828 | 2,418 | 2,188 | | 3,117 | 5,652 | 16,204 | 2,074 | 97,183 | | | 248 | |
| 6,203 | 6,136 | 2,564 | | 3,755 | 1,405 | 20,063 | 2,525 | 129,571 | | 0 | 249 | |
| 6,591 | 8,075 | (h) | | (g) | 2,397 | | 772 | 19,191 | | | 250 | |
| 618 | 643 | 1,087 | 0 | 460 | 680 | 3,488 | 497 | 27,890 | 0 | 572 | 251 | |
| | | | | | | | | 165,317 | 0 | j206 | 252 | |
| 10,218 | 6,805 | 3,811 | 0 | 5,074 | 2,218 | 28,126 | 2,352 | 18,869 | 0 | | 253 | |
| 400 | 1,378 | | | 390 | 687 | 2,847 | 0 | 68,702 | 0 | | 254 | |
| (k) | 3,807 | 1,985 | | | 2,657 | | | 61,051 | | | 255 | |
| 3,170 | 3,560 | 694 | \$675 | 2,199 | 625 | 10,923 | 1,500 | 25,680 | 0 | 0 | 256 | |
| 1,616 | 1,308 | | | 1,655 | | 4,579 | 263 | 50,815 | | 384 | 257 | |
| 1,822 | 1,444 | 1,558 | 0 | | | | | 33,706 | 0 | | 258 | |
| 1,700 | 1,800 | 1,000 | 0 | | 1,300 | 7,300 | 0 | | 0 | | 259 | |
| 2,000 | 2,000 | | 0 | 2,319 | 1,247 | 7,566 | 230 | | 0 | 7,195 | 260 | |
| 3,326 | 14,881 | 1,820 | 0 | 10,332 | 15,560 | 45,919 | 5,527 | 270,628 | 0 | 0 | 261 | |
| | | | | | | | | | | | | |
| 1,463 | 1,374 | | | | | 3,728 | | 20,571 | | 2,970 | 262 | |
| 1,762 | 700 | 25 | | | 277 | 2,764 | | 24,864 | | 753 | 263 | |
| 1,485 | 1,891 | | 779 | -1,000 | 1,413 | 6,568 | 0 | 57,039 | \$2,500 | 851 | 264 | |
| | | | | | | | | 37,696 | | | 265 | |
| 4,263 | 2,322 | 1,037 | 905 | 1,500 | 2,496 | 12,523 | 0 | 68,926 | 0 | 10,063 | 266 | |
| | | | | | | 4,037 | | 19,333 | | | 267 | |
| 1,311 | 683 | 103 | 461 | 175 | 500 | 3,233 | 0 | 19,810 | 2,000 | 4,817 | 268 | |
| 350 | 225 | 0 | 0 | | 282 | 857 | | 5,893 | 0 | 452 | 269 | |
| 1,248 | 516 | | 560 | 487 | 1,497 | 4,308 | | 15,739 | 5,000 | 11,258 | 270 | |
| 23,564 | 16,797 | 1,500 | 0 | | 13,584 | 55,445 | | 507,445 | 0 | 2,651 | 271 | |
| 8,068 | 3,832 | 1,230 | 104 | | 4,937 | 18,171 | 0 | 93,131 | 0 | 3,916 | 272 | |
| 1,110 | 759 | | 1,534 | | 963 | 4,406 | 0 | 15,838 | 0 | 0 | 273 | |
| 3,130 | 2,339 | | 920 | | | | | 37,649 | 7,960 | 573 | 274 | |
| 929 | 714 | | | 926 | 985 | 3,454 | | 14,037 | | 381 | 275 | |
| 11,759 | 7,522 | | 9,177 | 4,529 | 13,539 | 46,576 | | 183,871 | 40,000 | 66,328 | 276 | |
| | | | | | | 4,224 | | 19,932 | | | 277 | |
| | | | | | | 8,332 | | 19,883 | | | 278 | |
| 2,435 | 2,579 | | 891 | 1,438 | 3,028 | 10,372 | 0 | 33,782 | 2,000 | 1,182 | 279 | |
| 2,950 | 2,400 | | 600 | 1,300 | 3,309 | 10,559 | | 40,875 | 13,000 | 13,280 | 280 | |
| | | | | | | 7,977 | | 36,812 | | | 281 | |
| 1,368 | 2,000 | 400 | 1,220 | 412 | 761 | 6,161 | 0 | 45,671 | 9,000 | | 282 | |
| | | | | | | 3,615 | | 38,833 | | | 283 | |
| 1,166 | 1,543 | | 3,437 | 369 | 1,986 | 8,501 | 0 | 30,316 | 0 | 754 | 284 | |
| 898 | 971 | | | | 181 | 2,050 | 0 | 13,881 | 0 | 2,378 | 285 | |
| 1,174 | 1,012 | 69 | 540 | 221 | 673 | 3,689 | 0 | 21,308 | 3,000 | 6,361 | 286 | |
| 313 | 600 | | 360 | | 530 | 1,803 | | | 1,000 | | 287 | |
| | | | | | | | | 6,827 | | | 288 | |
| 5,966 | | | 483 | 251 | | 114,333 | 140 | 94,867 | 4,000 | | 289 | |
| 1,480 | (5,963) | | 500 | | 0 | 7,943 | | 20,348 | 0 | 2,216 | 290 | |
| 1,079 | 750 | | | 519 | 1,207 | 3,555 | | 13,848 | | 911 | 291 | |
| | | | | | | | | 21,589 | | | 292 | |

g Expenditure for ordinary repairs is included in column 3.

h Expenditure for stationery and supplies is included in column 5.

i Expenditure for furniture is included in column 2.

j Lapsed into city treasury.

k Expenditure for salaries, \$57,109.

l In 1887-88.

TABLE 19.—Statistics of expenditures of public schools of cities

| City. | Expenditures for the school year 1888-89. | | | | | | | |
|--------------------------|-------------------------------------------|-----------------------------------------|------------|---------------------------------------------------|------------------|-----------------------------------|-----------------------|--------------------|
| | Permanent. | | | | | For tuition. | | |
| | Sites, new buildings, and fixtures. | Permanent alterations and improvements. | Furniture. | Libraries, text-books, and educational apparatus. | Total permanent. | Salaries of supervising officers. | Salaries of teachers. | Total for tuition. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| MICHIGAN—continued. | | | | | | | | |
| 293 Pontiac..... | \$2,548 | | | \$87 | \$2,635 | \$1,600 | \$10,050 | \$11,650 |
| 294 Port Huron..... | | | | 548 | 548 | 1,500 | 14,889 | 16,389 |
| 295 Saginaw..... | (16,045) | | \$1,132 | 416 | 17,593 | 1,800 | 24,353 | 26,155 |
| 296 West Bay City..... | 15,229 | | | 125 | 15,354 | 1,500 | 16,485 | 17,985 |
| 297 Wyandotte..... | | | | 395 | | | (4,270) | 4,270 |
| 298 Ypsilanti*..... | | | | | | | (11,609) | 11,609 |
| MINNESOTA. | | | | | | | | |
| 299 Anoka..... | | \$23 | 144 | 418 | 590 | (9,013) | | 9,013 |
| 300 Brainerd..... | | 699 | 400 | 350 | 1,449 | 1,300 | 7,964 | 9,264 |
| 301 Crookston..... | | | | 60 | 60 | 1,575 | 6,743 | 7,318 |
| 302 Duluth..... | 102,421 | 14,538 | 2,640 | 1,474 | 121,073 | 2,500 | 29,976 | 32,476 |
| 303 Faribault..... | | 1,530 | 154 | 275 | 1,959 | 1,500 | 8,403 | 9,903 |
| 304 Mankato..... | 3,707 | 570 | 215 | 122 | 4,614 | (15,098) | | 15,098 |
| 305 Minneapolis..... | 210,632 | | 7,787 | 3,007 | 221,426 | 16,554 | 294,807 | 311,361 |
| 306 Red Wing*..... | 0 | 1,149 | 84 | 475 | 1,708 | 1,650 | 12,632 | 14,282 |
| 307 Rochester..... | | | | | | | | |
| 308 St. Cloud..... | | | | | | 1,200 | 8,000 | 9,200 |
| 309 St. Paul..... | 159,748 | 16,452 | 14,399 | | 190,599 | (302,843) | | 302,843 |
| 310 Stillwater..... | 1,866 | 13,705 | 441 | 1,049 | 17,061 | 2,200 | 21,077 | 23,277 |
| 311 Winona..... | | 2,000 | 907 | 717 | 3,624 | 2,500 | 30,141 | 32,641 |
| MISSISSIPPI. | | | | | | | | |
| 312 Columbus..... | 10,000 | | 200 | | 10,200 | 0 | 9,000 | 9,000 |
| 313 Jackson..... | 35,000 | | 3,000 | 600 | 38,600 | 1,500 | 4,230 | 5,730 |
| 314 Meridian*..... | | | | | | 1,500 | 9,400 | 10,900 |
| 315 Natchez..... | 0 | 200 | 250 | 0 | 450 | 400 | 9,855 | 10,255 |
| 316 Vicksburg..... | 0 | 2,500 | 100 | 250 | 2,850 | 1,500 | 10,400 | 11,900 |
| MISSOURI. | | | | | | | | |
| 317 Boonville..... | | | | | | (5,951) | | 5,951 |
| 318 Brookfield..... | 200 | | 1,600 | | 1,800 | 900 | 3,645 | 4,545 |
| 319 Butler..... | 0 | 630 | 0 | 64 | 694 | | 4,960 | 4,960 |
| 320 Cape Girardeau..... | 795 | | | 53 | 848 | (3,657) | | 3,657 |
| 321 Carrollton*..... | 0 | 300 | 100 | 75 | 475 | 1,500 | 8,770 | 10,270 |
| 322 Carthage*..... | | 484 | 99 | 115 | 698 | 1,500 | 10,600 | 12,100 |
| 323 Chillicothe*..... | | | 701 | | 701 | 1,200 | 5,820 | 7,020 |
| 324 Clinton*..... | | | | | | 1,200 | 6,195 | 7,395 |
| 325 Columbia*..... | | | | | 192 | (5,920) | | 5,920 |
| 326 De Soto*..... | | 193 | | | 193 | | 2,905 | 2,905 |
| 327 Hannibal..... | 0 | 338 | 190 | | 529 | 1,500 | 17,098 | 18,598 |
| 328 Independence..... | | | 782 | 300 | 1,082 | 1,500 | 9,270 | 10,770 |
| 329 Jefferson City*..... | | | | | | (7,430) | | 7,430 |
| 330 Joplin..... | | | | 49 | 49 | (6,780) | | 6,780 |
| 331 Kansas City..... | 0 | 6,673 | 400 | 1,087 | 8,160 | 2,700 | 152,181 | 154,881 |
| 332 Lexington..... | | | | 20 | 20 | (5,940) | | 5,940 |
| 333 Louisiana..... | | | | | | (4,108) | | 4,108 |
| 334 Marshall*..... | 1,126 | | | | 1,126 | (9,461) | | 9,461 |
| 335 Maryville..... | 530 | 870 | | | 1,400 | (7,163) | | 7,163 |
| 336 Mexico*..... | | | | | | 1,500 | 6,503 | 8,003 |
| 337 Moberly..... | | | | | | 1,350 | 8,273 | 9,623 |
| 338 Nevada..... | | 1,047 | 501 | 100 | 1,648 | 1,400 | 7,897 | 9,297 |
| 339 Rich Hill..... | 325 | | | | 325 | 0 | 5,480 | 5,480 |
| 340 St. Charles..... | 0 | 0 | 0 | 102 | 102 | 1,000 | 4,296 | 5,296 |
| 341 St. Joseph..... | 100,000 | | | | 100,000 | 2,500 | 65,782 | 68,282 |
| 342 St. Louis..... | 178,071 | 16,980 | 14,203 | 24,218 | 233,472 | 9,100 | 668,962 | 678,062 |
| 343 Sedalia*..... | | 600 | 222 | 102 | 924 | 2,000 | 19,773 | 21,773 |

* Statistics of 1887-88.

a In 1887-88.

b Janitors' salaries included in column 15.

and villages containing over 4,000 inhabitants—Continued.

| Expenditures for the school year 1888-89. | | | | | | | | | | Paid on principal of loans and bonded debts. | Amount carried forward to next school year (1889-90). |
|---------------------------------------------|-----------------|------------------------|---------------------------|-------------------|-----------------------------|-------------------|----------------------|---------------------|---------|----------------------------------------------|-------------------------------------------------------|
| Incidental. | | | | | | | For evening schools. | Total expenditures. | | | |
| Pay of school board, clerks, janitors, etc. | Fuel and light. | Stationery for pupils. | Interest on indebtedness. | Ordinary repairs. | All other current expenses. | Total incidental. | | | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| \$797 | \$1,212 | \$275 | 0 | \$792 | \$428 | \$3,504 | 0 | \$17,789 | 0 | \$297 | |
| 2,358 | 1,776 | ..... | \$725 | 774 | 1,838 | 7,471 | 0 | 24,408 | 0 | 14,654 | |
| 3,267 | 2,286 | ..... | 1,155 | ..... | 4,401 | 11,109 | 0 | 54,857 | \$5,000 | 27,746 | |
| 1,772 | 1,000 | 195 | 1,350 | ..... | 4,594 | 8,911 | 0 | 42,250 | 0 | 2,969 | |
| 650 | ..... | ..... | ..... | ..... | ..... | 2,247 | ..... | ..... | ..... | 2,250 | |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 16,174 | ..... | 298 | |
| | | | | | | | | | | | |
| 1,067 | 855 | ..... | 183 | 214 | 247 | 2,566 | 0 | 12,169 | ..... | 464 | |
| 1,458 | 800 | 150 | 2,665 | 400 | 880 | 6,353 | 0 | 17,066 | 5,900 | 8,753 | |
| 1,207 | 1,147 | 54 | 1,699 | 413 | 683 | 5,203 | ..... | 12,581 | 3,000 | 7,781 | |
| 5,724 | 3,172 | 1,125 | 6,647 | 2,618 | 4,992 | 24,278 | \$500 | 178,327 | ..... | 114,797 | |
| 1,235 | 1,054 | ..... | 2,141 | 299 | 295 | 5,024 | ..... | 16,886 | 8,500 | 572 | |
| 1,883 | 1,329 | 60 | 2,094 | 948 | 1,100 | 7,414 | ..... | 27,126 | 19,686 | 2,803 | |
| 29,330 | 23,534 | 11,449 | ..... | 12,741 | 22,383 | 99,437 | 7,993 | 649,217 | 302,000 | 4,589 | |
| 1,365 | 816 | 0 | 870 | ..... | 995 | 4,046 | ..... | 20,036 | 3,000 | 992 | |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 306 | |
| 600 | 850 | 50 | 2,000 | 300 | ..... | 4,185 | ..... | 18,200 | 2,157 | 0 | |
| ..... | 24,560 | ..... | 31,135 | 13,461 | 40,049 | 119,205 | ..... | 602,647 | 90,500 | 62,649 | |
| 3,469 | 2,619 | 350 | 9,897 | 2,481 | 955 | 19,771 | ..... | 60,109 | 41,000 | 3,830 | |
| 3,697 | 3,272 | 761 | 4,698 | 1,213 | 751 | 14,392 | 800 | 51,357 | 0 | 17,879 | |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 311 | |
| ..... | 75 | ..... | ..... | 200 | 100 | 375 | 0 | 19,575 | 0 | ..... |  |
| 250 | 200 | ..... | 2,400 | ..... | ..... | 2,850 | ..... | 47,180 | ..... | 312 | |
| 350 | 500 | ..... | ..... | ..... | 950 | 1,800 | 0 | 12,700 | ..... | 313 | |
| 420 | 100 | 55 | 0 | 115 | 0 | 690 | 0 | 11,395 | 0 | 314 | |
| 1,100 | 400 | 50 | 1,000 | 310 | 230 | 3,090 | 0 | 17,840 | 3,500 | 1,660 | |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 315 | |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 316 | |
| 422 | ..... | ..... | 1,276 | 274 | 523 | 2,500 | 0 | 8,451 | 0 | 0 | |
| 690 | 329 | 21 | ..... | 141 | 88 | 1,269 | ..... | 7,614 | ..... | 356 | |
| 433 | 200 | 0 | 859 | 300 | 173 | 1,995 | 0 | 7,649 | 653 | 3,022 | |
| 502 | ..... | ..... | 1,263 | 111 | 360 | 2,236 | 0 | 6,741 | 1,502 | 1,194 | |
| 685 | 422 | ..... | 1,500 | ..... | 500 | 3,107 | ..... | 14,852 | 1,000 | 2,736 | |
| 1,152 | 560 | ..... | 300 | ..... | 579 | 2,591 | ..... | 15,389 | ..... | 5,978 | |
| 456 | 372 | ..... | 1,626 | ..... | 1,416 | 3,870 | ..... | 14,289 | 2,697 | 1,628 | |
| 723 | 508 | ..... | 1,000 | ..... | 1,350 | 3,581 | ..... | 10,976 | 2,000 | 5,296 | |
| 430 | 98 | ..... | 180 | ..... | ..... | 703 | ..... | 6,820 | 2,000 | 2,517 | |
| 647 | 224 | ..... | 900 | ..... | 5451 | 1,622 | ..... | 4,720 | 1,500 | 2,127 | |
| 1,185 | 1,164 | 0 | 3,020 | 738 | 1,414 | 7,521 | 0 | 26,648 | 3,551 | 638 | |
| 1,235 | 500 | ..... | 1,206 | 529 | 454 | 3,924 | ..... | 15,776 | ..... | 10,132 | |
| 840 | ..... | ..... | 2,273 | 135 | 535 | ..... | ..... | ..... | 8,000 | 743 | |
| 1,281 | ..... | ..... | 1,048 | ..... | ..... | 2,329 | ..... | 12,158 | 3,000 | 719 | |
| 21,004 | 8,452 | 3,991 | 23,153 | (c) | 65,996 | 122,596 | ..... | 235,637 | ..... | 228,356 | |
| 592 | ..... | ..... | ..... | 427 | 478 | 1,497 | 0 | 7,457 | 0 | 2,580 | |
| 211 | ..... | ..... | ..... | ..... | ..... | 796 | 0 | 4,904 | 800 | 332 | |
| 773 | ..... | ..... | 745 | 1,291 | 1,568 | 4,377 | ..... | 14,964 | 4,000 | 4,784 | |
| 784 | ..... | ..... | 1,050 | 841 | ..... | 2,675 | 0 | 11,238 | 3,000 | 4,559 | |
| 566 | 500 | ..... | ..... | ..... | 446 | 1,512 | ..... | 9,515 | ..... | 1,839 | |
| 1,153 | 496 | ..... | 1,083 | 679 | 541 | 3,952 | 0 | 13,575 | 0 | 4,445 | |
| 691 | 601 | ..... | 1,502 | 1,054 | ..... | 3,848 | ..... | 14,793 | ..... | 4,137 | |
| ..... | ..... | ..... | ..... | ..... | ..... | 2,920 | 0 | 8,725 | 0 | 12,641 | |
| 590 | (e) | ..... | ..... | 590 | 427 | 1,607 | 0 | 7,005 | 0 | 1,014 | |
| 1,800 | 2,088 | 270 | 12,734 | 3,558 | 19,992 | 40,442 | 0 | 208,724 | 0 | 4,833 | |
| 88,364 | 21,789 | ..... | 0 | 78,112 | 53,903 | 212,168 | 9,121 | 1,162,823 | 0 | 70,409 | |
| 1,735 | 1,232 | ..... | 2,400 | ..... | ..... | ..... | ..... | 28,898 | ..... | 667 | |

c Ordinary repairs included in column 3.

d Warrants outstanding, \$408.

e Expenditure for fuel and light is included in column 15.

TABLE 19.—Statistics of expenditures of public schools of cities

| City. | Expenditures for the school year 1888-89. | | | | | | | |
|--------------------------|-------------------------------------------|-----------------------------------------|------------|---------------------------------------------------|------------------|-----------------------------------|-----------------------|--------------------|
| | Permanent. | | | | | For tuition. | | |
| | Sites, new buildings, and fixtures. | Permanent alterations and improvements. | Furniture. | Libraries, text-books, and educational apparatus. | Total permanent. | Salaries of supervising officers. | Salaries of teachers. | Total for tuition. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| MISSOURI—continued. | | | | | | | | |
| 344 Springfield..... | \$5,956 | | \$200 | | \$6,156 | \$2,250 | \$13,081 | |
| 345 Trenton..... | | | 320 | \$54 | 374 | 1,200 | 6,090 | \$7,290 |
| 346 Warrensburg* | | | | | | (5,625) | | 5,625 |
| 347 Washington* | | | | | | (3,625) | | 3,625 |
| MONTANA | | | | | | | | |
| 348 Butte City..... | | | | | | 2,000 | 25,250 | 27,250 |
| NEBRASKA. | | | | | | | | |
| 349 Beatrice..... | 23,795 | | | 1,010 | 24,805 | 2,029 | 12,085 | 14,114 |
| 350 Fremont..... | 12,445 | | | | 12,445 | 1,200 | 12,112 | 13,312 |
| 351 Grand Island..... | 3,323 | \$612 | 1,341 | 412 | 5,683 | 1,800 | 16,076 | 17,876 |
| 352 Hastings..... | 9,528 | | | | 9,528 | 1,500 | 10,872 | 12,372 |
| 353 Kearney..... | 13,856 | 1,412 | 0 | 25 | 15,293 | 1,200 | 12,523 | 13,723 |
| 354 Lincoln..... | 37,298 | | 5,604 | 1,500 | 44,402 | 3,000 | 40,157 | 43,157 |
| 355 Nebraska City..... | 10,660 | | | | 10,660 | (11,026) | | 11,026 |
| 356 Omaha..... | 164,258 | 19,222 | 13,883 | 6,201 | 203,564 | 8,292 | 186,165 | 194,457 |
| 357 Plattsmouth..... | 1,500 | | 847 | | 2,347 | 1,625 | 7,730 | 9,355 |
| NEVADA. | | | | | | | | |
| 358 Carson City..... | 272 | | | 79 | 351 | (9,175) | | 9,175 |
| 359 Eureka..... | | | | | | 2,000 | 7,000 | 9,000 |
| 360 Gold Hill..... | 100 | 300 | 0 | 83 | 483 | 1,500 | 6,900 | 8,400 |
| 361 Virginia City..... | 1,000 | 500 | 250 | | 1,750 | (17,700) | | 17,700 |
| NEW HAMPSHIRE. | | | | | | | | |
| 362 Concord..... | 0 | 0 | 0 | 1,967 | 1,967 | 1,350 | 20,432 | 21,482 |
| 363 Dover* | | 3,604 | | 150 | 3,754 | 1,758 | 17,504 | 19,262 |
| 364 Keene..... | 0 | 894 | | | 1,799 | 0 | 10,834 | 10,834 |
| 365 Manchester..... | | | 1,222 | | 1,222 | (43,401) | | 43,401 |
| 366 Nashua..... | | | | | | 1,200 | 24,150 | 25,350 |
| 367 Portsmouth..... | | | | | | 1,800 | 17,797 | 19,597 |
| 368 Rochester..... | | 60 | | 187 | 247 | 241 | 10,224 | 10,465 |
| NEW JERSEY. | | | | | | | | |
| 369 Atlantic City..... | (16,000) | | | | 16,000 | 1,500 | 15,000 | 16,500 |
| 370 Bayonne..... | 25,000 | 0 | 1,681 | 2,891 | 29,572 | 9,100 | 19,591 | 28,691 |
| 371 Bordentown* | | | 99 | | 99 | (6,551) | | 6,551 |
| 372 Bridgeton* | | | | 1,204 | 1,204 | 100 | 13,683 | 13,783 |
| 373 Burlington* | 1,040 | | 309 | 74 | 1,423 | | 7,573 | 7,573 |
| 374 Camden..... | 35,466 | | | 540 | 36,006 | (76,584) | | 76,584 |
| 375 Elizabeth..... | 15,652 | 22,654 | 878 | 22,937 | 22,121 | 650 | 42,429 | 43,079 |
| 376 Gloucester City..... | | 815 | 249 | 413 | 1,477 | 0 | 6,052 | 6,052 |
| 377 Hackensack..... | | | | | | (12,127) | | 12,127 |
| 378 Harrison..... | | | | | 2,300 | 40 | 49,000 | 49,000 |
| 379 Hoboken..... | | | | | 4,660 | | 977,047 | 977,047 |
| 380 Jersey City..... | 0 | | | 5,000 | 5,000 | 4,000 | 228,184 | 232,184 |
| 381 Lambertville* | | 129 | 200 | | 329 | | 6,010 | 6,010 |
| 382 Long Branch..... | 8,000 | 2,500 | 350 | 400 | | (21,800) | | 21,800 |
| 383 Millville* | | 1,107 | 158 | 45 | 1,310 | 550 | 16,428 | 16,978 |
| 384 Montclair..... | 6,895 | 2,052 | 666 | 1,078 | 10,691 | 100 | 16,549 | 16,649 |
| 385 Morristown* | | 1,187 | | | 1,187 | | 11,872 | 11,872 |
| 386 Mount Holly..... | | | | 1,077 | | (6,666) | | 6,666 |

* Statistics of 1887-88.

a Amount paid to janitor is included in column 8.

b Expenditure for fuel and light is included in column 15.

c Expenditure for repairs is included in column 11.

d In 1887-88.

and villages containing over 4,000 inhabitants—Continued.

| Expenditures for the school year 1888-89. | | | | | | | | | | Paid on principal of loans and bonded debts. | Amount carried forward to next school year (1889-90). |
|---------------------------------------------|-----------------|------------------------|---------------------------|-------------------|-----------------------------|----------------------|---------------------|-------------------|---------|----------------------------------------------|-------------------------------------------------------|
| Incidental. | | | | | | For evening schools. | Total expenditures. | | | | |
| Pay of school board, clerks, janitors, etc. | Fuel and light. | Stationery for pupils. | Interest on indebtedness. | Ordinary repairs. | All other current expenses. | | | Total incidental. | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| (a) | (b) | | \$3,242 | | \$2,287 | | 0 | \$27,016 | 0 | \$3,025 | |
| \$700 | \$621 | | 1,340 | | | \$2,661 | 0 | 10,325 | \$2,201 | 344 | |
| 526 | | | 1,113 | \$152 | 883 | | | | | 345 | |
| 250 | 242 | | | | 455 | 947 | | 4,572 | 0 | 346 | |
| | | | | | | | | | | 347 | |
| 1,700 | | | 1,729 | | | | | | | 2,743 | |
| | | | | | | | | | | 348 | |
| 1,352 | 1,748 | | | | 3,796 | 6,896 | 0 | 45,815 | 0 | 6,653 | |
| 1,337 | 1,300 | \$400 | | 900 | 2,368 | 6,305 | | | | 350 | |
| 1,893 | 1,079 | 35 | 1,744 | 1,978 | | 6,729 | \$155 | 30,448 | 0 | 6,945 | |
| 1,191 | 1,626 | 491 | | 1,293 | 946 | 5,547 | 0 | 27,447 | 0 | 9,190 | |
| 1,642 | 1,202 | 200 | 2,124 | 4,762 | 0 | 9,930 | 0 | 38,946 | 0 | 4,500 | |
| 3,398 | 2,807 | | 3,600 | 1,287 | 401 | 10,893 | | 98,452 | | 36,515 | |
| 1,400 | c1,856 | | | (c) | 2,719 | 5,975 | 0 | 27,661 | 0 | 355 | |
| 32,775 | 14,359 | 4,744 | 15,875 | 17,750 | 27,931 | 113,434 | | 511,455 | 390 | 16,664 | |
| 894 | 688 | | | 1,478 | 1,418 | 4,479 | 0 | 16,181 | 0 | 2,986 | |
| | | | | | | | | | | 357 | |
| 120 | 1,210 | | | | | 1,330 | 0 | 10,856 | 0 | 0 | |
| 600 | 300 | | | | | | | | | 5,138 | |
| 880 | 400 | 50 | 0 | 100 | 496 | 1,926 | | 10,814 | | 359 | |
| 1,500 | 5,000 | 500 | | 500 | 3,050 | 10,550 | 0 | 30,000 | 0 | 0 | |
| | | | | | | | | | | 361 | |
| 1,266 | 2,143 | 0 | 0 | 2,064 | 4,268 | 9,741 | 623 | 34,173 | 0 | 1,931 | |
| 1,485 | 1,540 | 1,750 | 0 | | 796 | 5,571 | | 28,587 | 0 | 0 | |
| 845 | | 0 | | 1,493 | | | 220 | | 0 | 363 | |
| 3,262 | 3,918 | 555 | | 4,436 | 1,786 | 13,957 | 1,225 | 59,805 | | 365 | |
| 2,150 | 2,162 | | | | 7,090 | 11,402 | 2,301 | 39,053 | | 0 | |
| 847 | 2,170 | 150 | | 4,532 | 1,007 | 8,706 | 0 | 28,303 | 0 | 0 | |
| 898 | 857 | | | 626 | 514 | 2,895 | | 13,607 | | 257 | |
| | | | | | | | | | | 368 | |
| 2,339 | 1,111 | 1,688 | | 1,960 | 2,347 | 9,445 | 0 | 41,945 | 5,333 | 369 | |
| 3,570 | 1,600 | | | 3,317 | 962 | 9,449 | 0 | 67,712 | 0 | 15,884 | |
| 270 | 195 | 195 | | 1,193 | 469 | 2,322 | 0 | 8,972 | 0 | 371 | |
| 947 | 893 | | | 1,523 | 221 | 3,584 | | 18,571 | | 372 | |
| 485 | 669 | 42 | | 478 | 880 | 2,554 | | 11,550 | | 373 | |
| 13,558 | | | 7,313 | | 13,471 | 34,342 | | 146,932 | 20,000 | 43,634 | |
| 2,968 | 1,787 | (e) | | (f) | 6,177 | | 0 | 76,132 | 0 | 17,680 | |
| 50 | 367 | | 0 | 366 | 600 | 1,383 | | 8,912 | | 375 | |
| | 556 | | 2,175 | 3,972 | 3,513 | | | | 2,500 | 2,362 | |
| d645 | | d100 | | | | d745 | | | | 377 | |
| 9500 | 2,709 | | 928 | 2,574 | 4,770 | h19,200 | | 93,189 | | 64 | |
| 17,000 | 8,000 | 2,150 | 0 | 4,000 | 6,850 | 38,000 | 3,000 | 279,184 | 0 | 379 | |
| 601 | 288 | 15 | | | 16 | 920 | | 7,259 | | 10 | |
| 1,500 | 1,600 | | 4,500 | | 4,000 | | | | 2,000 | 382 | |
| 978 | 939 | 1,132 | | | 797 | 3,846 | | 22,134 | | 3,969 | |
| 1,055 | 823 | 773 | 900 | 950 | 1,473 | 5,974 | 0 | 33,314 | 0 | 5,004 | |
| 1,110 | 633 | 591 | 600 | | 373 | 3,307 | | 16,366 | 2,000 | 385 | |
| 238 | 328 | (e) | 265 | 33 | | | | 8,607 | | 386 | |

e Expenditure for stationery is included in column 5.

f Ordinary repairs included in column 3.

g Expenditure for janitors' salaries is included in column 8.

h Estimated.

TABLE 19.—Statistics of expenditures of public schools of cities

| City. | Expenditures for the school year 1888-89. | | | | | | | |
|----------------------------|-------------------------------------------|--------------------------------------------|------------|-----------------------------------------------------------|------------------|--------------------------------------|-----------------------|--------------------|
| | Permanent. | | | | | For tuition. | | |
| | Sites, new buildings, and fixtures. | Permanent alterations and improvements. | Furniture. | Libraries, text-books, and educational ap- paratus. | Total permanent. | Salaries of supervising officers. | Salaries of teachers. | Total for tuition. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| NEW JERSEY—cont'd. | | | | | | | | |
| 387 New Brunswick..... | \$900 | | \$553 | | \$1,453 | \$2,500 | \$22,227 | \$24,727 |
| 388 Newark..... | 74,333 | \$15,432 | 5,712 | \$15,595 | 111,072 | 2,800 | 264,381 | 267,181 |
| 389 Orange..... | 17,668 | 2,505 | 44 | 209 | 20,426 | (22,616) | | 22,616 |
| 390 Passaic..... | 3,256 | | 335 | 51,861 | 5,502 | 0 | 16,769 | 16,769 |
| 391 Paterson..... | (20,276) | | | 5,045 | 25,321 | 2,000 | 89,878 | 91,878 |
| 392 Perth Amboy*..... | 3,511 | | | 451 | 3,962 | 100 | 5,320 | 5,420 |
| 393 Phillipsburgh..... | 0 | 1,279 | 702 | | 1,981 | 1,440 | 12,150 | 13,590 |
| 394 Plainfield..... | 35,922 | | 1,609 | 279 | 37,810 | (22,044) | | 22,044 |
| 395 Rahway..... | | | | | | 400 | 11,640 | 12,040 |
| 396 Salem..... | 0 | 159 | 0 | 622 | 781 | (9,820) | | 9,820 |
| 397 Trenton..... | 24,969 | 4,447 | 1,663 | 5,926 | 37,005 | 2,500 | 62,746 | 65,246 |
| 398 Woodbury *..... | 6,646 | | 320 | (c) | 6,966 | 0 | 6,815 | 6,815 |
| NEW YORK. | | | | | | | | |
| 399 Albany..... | 30,448 | 24,795 | 2,823 | 5,177 | 62,243 | 3,000 | 162,962 | 165,962 |
| 400 Albion..... | 1,449 | 525 | 49 | 32 | 2,056 | 800 | 7,960 | 8,760 |
| 401 Amsterdam..... | | | | | | | | |
| 402 Auburn..... | 2,999 | 7,380 | 3,053 | 2,106 | 15,538 | 2,000 | 42,944 | 44,944 |
| 403 Batavia..... | | 435 | 410 | 453 | 1,348 | 1,800 | 8,040 | 9,840 |
| 404 Binghamton..... | 8,793 | 2,552 | 659 | 1,641 | 13,645 | 2,000 | 42,503 | 44,503 |
| 405 Brockport..... | 0 | 194 | 220 | 58 | 472 | 0 | 1,711 | 1,711 |
| 406 Brooklyn..... | 313,660 | 32,009 | 16,077 | 1,881 | 363,627 | 13,000 | 1,114,843 | 1,127,843 |
| 407 Buffalo..... | 255,539 | 73,118 | 11,135 | 3,465 | 343,257 | 10,469 | 413,094 | 423,563 |
| 408 Canandaigua..... | 0 | 0 | 35 | 352 | 387 | (9,545) | | 9,545 |
| 409 Catskill..... | | 1,600 | | 100 | 1,100 | (7,228) | | 7,228 |
| 410 Cohoes..... | | | 547 | 1,047 | 1,594 | 1,500 | 25,158 | 26,658 |
| 411 College Point | | 446 | 112 | 369 | 927 | (6,309) | | 6,309 |
| 412 Cortland..... | | 290 | 96 | | 386 | 800 | 5,073 | 5,873 |
| 413 Dansville..... | 344 | | | 181 | 525 | (5,600) | | 5,600 |
| 414 Dunkirk..... | 0 | 1,020 | 112 | 170 | 1,302 | 1,600 | 16,450 | 18,050 |
| 415 Elmira..... | 0 | 13,349 | 1,568 | 1,219 | 16,136 | 1,600 | 44,747 | 46,347 |
| 416 Flushing..... | | 548 | 322 | 1,252 | 2,122 | 2,000 | 10,552 | 12,552 |
| 417 Fulton..... | 11,000 | 250 | 280 | 100 | 11,630 | (8,172) | | 8,172 |
| 418 Geneva..... | 661 | 0 | 22 | 115 | 798 | (10,045) | | 10,045 |
| 419 Gloversville..... | | | | | | 1,500 | 13,025 | 14,525 |
| 420 Green Island..... | 0 | 2,060 | 0 | 187 | 2,247 | (7,293) | | 7,293 |
| 421 Haverstraw..... | | | | | | | | |
| 422 Hoosick Falls*..... | 0 | 1,018 | 240 | 54 | 1,312 | 0 | 12,661 | 12,661 |
| 423 Hornellsville..... | | 4,800 | 795 | 621 | 6,216 | 2,350 | 17,559 | 19,909 |
| 424 Hudson..... | | 1,019 | 57 | | 1,076 | 1,000 | 10,263 | 11,263 |
| 425 Ilion*..... | 0 | 370 | 284 | 392 | 1,046 | 1,700 | 7,741 | 9,441 |
| 426 Ithaca..... | | | 78 | 1,108 | 1,186 | 2,000 | 16,920 | 18,920 |
| 427 Jamaica*..... | 0 | 461 | 100 | 10 | 571 | 0 | 5,680 | 5,680 |
| 428 Jamestown..... | 13,849 | 315 | 410 | 378 | 14,952 | 2,000 | 25,395 | 27,395 |
| 429 Johnstown..... | 17,282 | 998 | 761 | 453 | 19,494 | 1,300 | 9,440 | 10,740 |
| 430 Kingston..... | 4,713 | | 1,378 | 121 | 6,212 | 1,500 | 20,108 | 21,608 |
| 431 Lansingburgh..... | 22,500 | 430 | 1,200 | 1,100 | 25,230 | 1,500 | 13,752 | 15,252 |
| 432 Little Falls..... | 22,000 | 970 | 58 | 166 | 23,194 | 800 | 11,770 | 12,570 |
| 433 Lockport..... | 27,497 | 1,137 | 125 | 133 | 28,892 | 1,600 | 24,662 | 26,262 |
| 434 Long Island City*..... | 2,491 | 2,775 | 708 | 123 | 6,097 | 1,500 | 33,848 | 35,348 |
| 435 Lyons..... | | | 180 | 71 | 251 | 1,300 | 6,467 | 7,767 |
| 436 Malone..... | 2,674 | | 778 | 1,275 | 4,727 | (11,387) | | 11,387 |
| 437 Matteawan..... | | | 5 | 299 | 304 | (4,750) | | 4,750 |
| 438 Medina..... | 100 | 300 | 300 | 400 | 1,100 | 1,800 | 6,750 | 8,550 |
| 439 Middletown..... | 1,480 | 299 | 320 | 1,207 | 3,306 | 2,000 | 14,465 | 16,465 |
| 440 Mount Vernon..... | | | | 2,220 | | 3,800 | 28,842 | 32,642 |
| 441 New Brighton..... | 9,995 | | 2,933 | | | (27,805) | | 27,805 |
| 442 New Rochelle..... | 16,482 | 473 | 241 | 714 | 17,910 | (13,519) | | 13,519 |
| 443 New York..... | 825,969 | 419,814 | 113,826 | 158,273 | 1,517,902 | 47,485 | 2,890,771 | 2,938,256 |

* Statistics of 1887-88.

a Includes \$2,237 expended for the industrial school.

b Expenditure for stationery is included in column 5.

c Text-books are included in column 12.

d In 1887-88.

and villages containing over 4,000 inhabitants—Continued.

| Expenditures for the school year 1888-89. | | | | | | | | | | Paid on principal of loans, and bonded debts. | Amount carried forward to next school year (1889-90). |
|---------------------------------------------|-----------------|------------------------|---------------------------|-------------------|-----------------------------|-------------------|----------------------|---------------------|---------|-----------------------------------------------|-------------------------------------------------------|
| Incidental. | | | | | | | For evening schools. | Total expenditures. | | | |
| Pay of school board, clerks, janitors, etc. | Fuel and light. | Stationery for pupils. | Interest on indebtedness. | Ordinary repairs. | All other current expenses. | Total incidental. | | | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| \$2,615 | \$1,513 | \$532 | \$1,162 | \$2,133 | \$593 | \$8,553 | \$317 | \$35,050 | \$3,000 | \$1,099 | 387 |
| 28,333 | 10,974 | | | 3,431 | 8,852 | 51,590 | 11,208 | 441,051 | 0 | 69,034 | 388 |
| 1,950 | 1,547 | 49 | | 2,732 | 2,424 | 9,722 | 443 | 53,207 | 0 | 2,589 | 389 |
| 2,290 | 980 | (b) | 195 | 2,086 | 749 | 3,600 | 839 | 34,260 | 4,850 | 0 | 390 |
| 11,557 | 5,950 | | 0 | 4,593 | 2,412 | 24,712 | 2,571 | 144,482 | 0 | 3,738 | 391 |
| 525 | 144 | | | 109 | 388 | 1,166 | | 10,548 | | | 392 |
| 1,316 | 999 | 39 | 0 | 1,248 | 1,853 | 5,465 | 0 | 21,036 | 0 | 1,237 | 393 |
| 2,807 | 1,365 | 985 | 3,678 | 1,164 | 2,704 | 12,703 | 840 | 73,397 | 4,000 | 6,200 | 394 |
| 1,106 | 576 | 1,240 | | 795 | 379 | | | 16,136 | | 795 | 395 |
| 643 | 828 | 242 | 175 | 374 | 489 | 2,751 | 200 | 13,552 | 0 | 9,758 | 396 |
| 4,781 | 5,203 | 1,096 | | | 3,858 | 14,938 | 914 | 118,103 | | 21,829 | 397 |
| 750 | 462 | 613 | | 1,297 | 95 | 3,217 | 230 | | | | 398 |
| 11,530 | 10,448 | 2,458 | 0 | 12,140 | 4,620 | 41,196 | 0 | 270,406 | 0 | 118,504 | 399 |
| 753 | 836 | | | 224 | | 1,813 | 0 | 12,629 | 0 | | 400 |
| | | | | | | | | 17,136 | | | 401 |
| 4,536 | 3,234 | 200 | 1,020 | 2,408 | 1,875 | 13,273 | 0 | 73,755 | 4,000 | 8,781 | 402 |
| 2,220 | 2,755 | | 400 | 446 | 1,641 | 5,462 | | 18,650 | 2,000 | 8,031 | 403 |
| 4,548 | 2,407 | | 0 | 1,123 | 934 | 9,012 | 0 | 67,160 | 0 | 5,488 | 404 |
| 137 | 204 | | | 161 | 31 | 533 | | 2,716 | | 218 | 405 |
| d96,666 | d39,226 | d118,766 | | | d89,466 | d344,124 | | | | 947,674 | 406 |
| 24,818 | 21,538 | | | | | 57,351 | 8,688 | 832,859 | 11,634 | 280,523 | 407 |
| 787 | 965 | | | 738 | 2,675 | 5,165 | 0 | 15,097 | 0 | 1,884 | 408 |
| 671 | 350 | | | | 150 | | | 9,499 | | 83 | 409 |
| 3,934 | 2,635 | | | 1,023 | 1,567 | 9,159 | | 37,411 | | 8,847 | 410 |
| 344 | 236 | | | | 154 | 784 | 0 | 8,020 | 0 | 1,490 | 411 |
| 625 | 414 | | | 72 | 316 | 1,427 | | 7,686 | 0 | 2,724 | 412 |
| 425 | 396 | | 2,112 | | 152 | 3,085 | | 9,210 | 2,000 | 8 | 413 |
| 2,527 | 687 | 0 | | 265 | 676 | 4,155 | 0 | e24,724 | 0 | 6,134 | 414 |
| 3,891 | 2,823 | 44 | 0 | 0 | 1,656 | 8,414 | 0 | 70,897 | 0 | 3,458 | 415 |
| 1,253 | 925 | 373 | 3,110 | 300 | 441 | 6,402 | 0 | 21,076 | 2,600 | 0 | 416 |
| 700 | 400 | 300 | | 300 | 0 | 1,700 | 0 | 21,502 | 0 | 601 | 417 |
| 0 | 762 | | | | 565 | 1,327 | 0 | 12,170 | 0 | 7,649 | 418 |
| 893 | 584 | 123 | 0 | 725 | 169 | 2,494 | 0 | 12,034 | 0 | 2,277 | 419 |
| | | | | | | | | | | 2,116 | 420 |
| 1,260 | 851 | 0 | 1,174 | | 794 | 4,079 | | 18,052 | 3,500 | 684 | 421 |
| 2,203 | 1,150 | 100 | 575 | (f) | 1,174 | 5,202 | 0 | 31,327 | 3,500 | 7,233 | 422 |
| 462 | 666 | | | 520 | 383 | 2,031 | | 14,370 | | 7,671 | 423 |
| 600 | 636 | 0 | 0 | | 706 | 1,942 | | 12,429 | 0 | 4,200 | 424 |
| 1,646 | 1,548 | | 1,375 | 617 | 802 | 5,988 | | 26,094 | 5,000 | 2,605 | 425 |
| 390 | 320 | 587 | 128 | | 1,000 | 2,425 | | 8,676 | 800 | 2,969 | 426 |
| 1,174 | 1,144 | | | 369 | 806 | 3,493 | 0 | 45,840 | 0 | 5,066 | 427 |
| 1,041 | 996 | | 1,411 | 998 | | 4,446 | 0 | 34,680 | 2,800 | 3,312 | 428 |
| 2,404 | 1,401 | 279 | 140 | 1,119 | 769 | 6,112 | 0 | 33,932 | 0 | h | 429 |
| 1,570 | 600 | 200 | 593 | 250 | 1,000 | 4,213 | | 44,695 | 1,000 | 1,397 | 430 |
| 810 | 909 | | | | 4,739 | 6,458 | 0 | 42,222 | 0 | 179 | 431 |
| 2,620 | 2,925 | 0 | 0 | 895 | 608 | 7,048 | 0 | 62,202 | 0 | 49,226 | 432 |
| 233 | 1,311 | 4,705 | 0 | | 8,845 | 15,694 | 0 | 56,539 | | 26,952 | 433 |
| 743 | 304 | | | 658 | 971 | 2,676 | 0 | 10,694 | 0 | 2,461 | 434 |
| 1,065 | 603 | | 534 | 397 | 1,577 | 4,116 | 0 | 20,230 | 0 | 2,716 | 435 |
| 358 | 160 | | | 180 | 40 | 738 | 0 | 5,792 | 0 | 1,297 | 436 |
| 600 | 500 | 50 | 0 | 100 | 200 | 1,450 | 0 | 11,100 | 0 | 2,987 | 437 |
| 1,356 | 889 | | | 470 | 924 | 3,639 | 0 | 23,410 | 0 | 21,464 | 438 |
| | | | | | | 6,461 | | | | | 439 |
| | | | | | | | | 46,442 | | 8,335 | 440 |
| 1,165 | 595 | | 2,000 | 419 | 1,263 | 5,442 | | 36,871 | 2,000 | 15,044 | 441 |
| 185,115 | 125,289 | | | 228,723 | | 537,127 | 121,582 | 5,114,867 | | | 442 |

e \$1,217 apportioned to St. Mary's Orphan Asylum.

f Expenditure for "ordinary repairs" is included in column 3.

g These figures refer to the Kingston school district, which embraces only about one-half of the entire city.

h Deficit, \$9,050.

TABLE 19.—Statistics of expenditures of public schools of cities

| City. | Expenditures for the school year 1888-89. | | | | | | | |
|---------------------------|-------------------------------------------|-----------------------------------------|------------|---------------------------------------------------|------------------|-----------------------------------|-----------------------|--------------------|
| | Permanent. | | | | | For tuition. | | |
| | Sites, new buildings, and fixtures. | Permanent alterations and improvements. | Furniture. | Libraries, text-books, and educational apparatus. | Total permanent. | Salaries of supervising officers. | Salaries of teachers. | Total for tuition. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| NEW YORK—continued. | | | | | | | | |
| 444 Newburgh..... | | \$3,070 | \$968 | \$7,595 | \$11,633 | \$1,600 | \$37,017 | \$33,617 |
| 445 Norwich..... | | | | | | | | |
| 446 Ogdensburg..... | | (6,057) | | 423 | 6,480 | (16,376) | | 16,376 |
| 447 Olean..... | \$8,782 | 1,156 | 661 | 218 | 10,817 | 1,700 | 13,661 | 15,361 |
| 448 Oswego..... | 770 | 4,211 | | 1,190 | 6,171 | 1,600 | 31,069 | 32,669 |
| 449 Owego..... | 3,260 | 1,270 | | 1,206 | 5,736 | 0 | 12,434 | 12,434 |
| 450 Peekskill..... | 685 | 654 | 959 | 685 | 2,983 | 2,600 | 8,925 | 11,525 |
| 451 Penn Yan..... | | 914 | 711 | 48 | 1,673 | (7,359) | | 7,359 |
| 452 Plattsburgh..... | | | 168 | 263 | 531 | 2,350 | 11,122 | 13,472 |
| 453 Port Chester..... | 50 | 784 | 306 | 515 | 1,655 | 0 | 8,350 | 8,350 |
| 454 Port Jervis..... | 17,710 | 1,347 | 1,954 | 811 | 21,822 | 1,845 | 14,182 | 16,027 |
| 455 Poughkeepsie..... | | | | 3,720 | 3,720 | 1,600 | 30,752 | 32,352 |
| 456 Rochester..... | 49,510 | | 5,376 | 2,809 | 57,696 | 2,258 | 190,579 | 192,837 |
| 457 Rome..... | | (6,045) | | 311 | 6,356 | (16,355) | | 16,355 |
| 458 Saratoga Springs..... | 1,500 | 1,695 | 165 | 2,919 | 6,279 | 1,800 | 23,643 | 25,413 |
| 459 Schenectady..... | | (1,803) | | 147 | 1,950 | (22,976) | | 22,976 |
| 460 Seneca Falls..... | | 1,298 | 23 | 213 | 1,535 | 200 | 9,552 | 9,752 |
| 461 Sing Sing..... | 36,542 | | 91 | 38 | 36,671 | 1,953 | 10,924 | 12,877 |
| 462 Syracuse..... | 25,740 | 11,026 | 2,429 | 10,936 | 50,131 | 2,500 | 149,355 | 151,855 |
| 463 Tarrytown..... | | 108 | | 272 | 380 | (5,300) | | 5,300 |
| 464 Tonawanda..... | 0 | 700 | 0 | 300 | 1,000 | 1,050 | 3,640 | 4,690 |
| 465 Troy..... | | | | 4,804 | 4,804 | 2,300 | 104,996 | 107,296 |
| 466 Utica..... | 2,453 | 252 | 670 | 543 | 4,218 | 2,500 | 67,247 | 69,747 |
| 467 Waterloo..... | | 3,197 | 559 | 23 | 3,779 | 0 | 7,298 | 7,298 |
| 468 Watertown..... | 7,068 | 3,733 | 743 | 725 | 12,269 | 1,500 | 21,385 | 22,885 |
| 469 West Troy..... | 1,422 | | 58 | 197 | 1,677 | (12,545) | | 12,545 |
| 470 Whitehall..... | 162 | | | | 162 | 1,400 | 5,692 | 7,022 |
| 471 Yonkers..... | 22,439 | 3,869 | 2,391 | 2,123 | 30,822 | 3,400 | 46,235 | 49,635 |
| NORTH CAROLINA. | | | | | | | | |
| 472 Asheville..... | 4,500 | 0 | 2,200 | 1,000 | 7,700 | 1,200 | 7,155 | 8,355 |
| 473 Durham..... | | | 500 | 250 | | 1,500 | | |
| 474 Fayetteville..... | | | | | | 1,000 | 2,300 | 3,300 |
| 475 Goldsborough..... | 208 | | | | | 1,200 | 4,544 | 5,744 |
| 476 Greensborough..... | | | | | | 1,000 | 2,663 | 3,663 |
| 477 New Berne..... | | | | | | | | |
| 478 Raleigh..... | | | 425 | | | (13,395) | | 13,395 |
| 479 Reidsville..... | | 1,597 | | | 1,597 | 880 | 2,294 | 3,174 |
| 480 Winston..... | | | | | | | | |
| OHIO. | | | | | | | | |
| 481 Akron..... | 2,602 | 4,773 | 325 | 100 | 17,800 | 2,500 | 45,911 | 48,411 |
| 482 Alliance..... | | 4,265 | 508 | | 4,773 | 1,300 | 8,606 | 9,906 |
| 483 Ashtabula..... | 0 | 0 | 0 | 0 | 0 | 1,300 | 7,325 | 8,625 |
| 484 Bellaire..... | 0 | 4,614 | 0 | 111 | 4,725 | 1,500 | 10,778 | 12,278 |
| 485 Bellefontaine..... | | | | | | 1,200 | 8,100 | 9,300 |
| 486 Bucyrus..... | | | | | | 1,700 | 7,106 | 8,806 |
| 487 Canton..... | | | | | | (€30,000) | | €30,000 |
| 488 Chillicothe..... | (2,315) | | 512 | 1,579 | | (26,200) | | 26,200 |
| 489 Cincinnati..... | 130,655 | | | | | 4,500 | 636,676 | 641,176 |
| 490 Circleville..... | | 1,618 | | | 1,618 | 1,800 | 13,710 | 15,510 |
| 491 Cleveland..... | 35,779 | 17,258 | 9,841 | 6,925 | 69,803 | 411,800 | 4418,959 | 4470,759 |
| 492 Columbus..... | 71,402 | 39,005 | 7,878 | 1,648 | 119,933 | 21,796 | 129,575 | 151,371 |
| 493 Dayton..... | (47,929) | | | | 47,929 | 5,743 | 121,854 | 127,597 |
| 494 Defiance..... | | | | 292 | 292 | 1,300 | 8,308 | 9,608 |

* Statistics of 1887-88.

a Deficit, \$6,185.

b Deficit, \$4,413.

c Includes fuel and light.

and villages containing over 4,000 inhabitants—Continued.

| Expenditures for the school year 1888-89. | | | | | | | | | | | Paid on principal of loans and bonded debts. | Amount carried forward to next school year (1889-90). |
|---------------------------------------------|-----------------|------------------------|---------------------------|-------------------|-----------------------------|-------------------|----------------------|--------------------|---------|---------|----------------------------------------------|-------------------------------------------------------|
| Incidental. | | | | | | | For evening schools. | Total expenditure. | | | | |
| Pay of school board, clerks, janitors, etc. | Fuel and light. | Stationery for pupils. | Interest on indebtedness. | Ordinary repairs. | All other current expenses. | Total incidental. | | | | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | | |
| \$2,100 | \$2,606 | | \$1,154 | \$3,623 | \$2,822 | \$12,305 | 0 | \$62,555 | 0 | \$2,052 | 444 | |
| | | | | | | 5,824 | | 28,880 | | 15,923 | 445 | |
| 1,376 | 1,173 | | 720 | | 792 | 4,061 | | 30,239 | \$3,000 | 7,261 | 447 | |
| | 2,500 | \$544 | 0 | 870 | 300 | 4,214 | 0 | 43,054 | 0 | 3,478 | 448 | |
| 1,540 | 669 | 0 | 0 | | 982 | 3,200 | | 21,370 | 0 | 3,097 | 449 | |
| 800 | 691 | 138 | 140 | 187 | 663 | 2,619 | | 20,127 | 3,000 | 416 | 450 | |
| 547 | 564 | | | | | 1,111 | 0 | 10,143 | 0 | 379 | 451 | |
| | 132 | 304 | 1,411 | 1,107 | 1,514 | 4,468 | 0 | 18,471 | 4,000 | 3,093 | 452 | |
| 750 | 356 | | 178 | 307 | 625 | 2,216 | | 12,221 | 7,300 | 384 | 453 | |
| 1,426 | 1,007 | 75 | 401 | 261 | 1,215 | 4,385 | 0 | 42,234 | 2,000 | 3,344 | 454 | |
| 2,379 | 1,967 | | | 2,427 | 1,791 | 8,564 | 0 | 44,636 | | 22,904 | 455 | |
| 22,166 | 10,548 | 0 | 0 | 18,849 | 24,800 | 76,363 | \$1,314 | 328,210 | 0 | 5,808 | 456 | |
| | | | | | | 4,121 | | 26,832 | | 0 | 457 | |
| 3,045 | 2,046 | 500 | | | 759 | 6,350 | 0 | 38,072 | 0 | 42,725 | 458 | |
| | | | | | | 3,506 | | 28,432 | | 0 | 459 | |
| 852 | 758 | 0 | 0 | | 1,224 | 2,834 | | 14,121 | 1,725 | 20,778 | 460 | |
| 931 | 92 | 150 | 1,600 | 913 | 944 | 4,630 | | 54,178 | 5,000 | 17,643 | 461 | |
| 10,088 | 6,049 | | | | 4,090 | 20,227 | 0 | 222,213 | 0 | 148,359 | 462 | |
| | | 339 | | | 971 | 1,310 | | 6,990 | 1,150 | 1,194 | 463 | |
| 100 | 450 | 0 | 0 | | 200 | 750 | | 6,440 | 0 | 725 | 464 | |
| 9,818 | 4,583 | | | 3,943 | 780 | 19,124 | 0 | 131,224 | 0 | 61,872 | 465 | |
| 5,459 | 5,188 | 301 | | | 6,998 | 17,946 | | 91,911 | | 8,428 | 466 | |
| 368 | 566 | | | | 19 | 953 | | 12,030 | | 1,214 | 467 | |
| 698 | 2,297 | | | 1,283 | | 4,278 | | 39,432 | 7,043 | a0 | 468 | |
| | | | | | | | | | | | 469 | |
| 1,416 | | 330 | | | | 1,746 | | 8,930 | | 1,559 | 470 | |
| 4,432 | 3,442 | 3,167 | 1,183 | 5,572 | 4,735 | 22,531 | 2,644 | 110,632 | 5,000 | 11,332 | 471 | |
| | | | | | | | | | | | | |
| 420 | 700 | 40 | 325 | 25 | 95 | 1,605 | | 18,150 | 490 | 0 | 472 | |
| 260 | | | | | | | | 8,500 | | | 473 | |
| 96 | | 0 | 0 | | 200 | 295 | | 3,600 | | | 474 | |
| | | | 739 | | | | | 8,013 | | | 475 | |
| 150 | 150 | | | | 50 | 350 | | 4,013 | | | 476 | |
| | | | | | | | | | | | 477 | |
| 600 | | | 232 | | | 3,223 | 0 | 17,043 | 142 | (b) | 478 | |
| | | | | | | 186 | | 4,957 | | 183 | 479 | |
| | | | | | | | | | | | 480 | |
| | | | | | | | | | | | | |
| 5,922 | 1,910 | 3,748 | 9,700 | 4,578 | 1,278 | 27,136 | 0 | 93,347 | 10,000 | 46,329 | 481 | |
| 505 | 351 | 39 | 660 | 1,207 | 1,306 | 4,068 | | 18,747 | 2,000 | 6,063 | 482 | |
| 150 | | 0 | 1,080 | (c3,084) | | 4,464 | 0 | 12,939 | 5,000 | 6,213 | 483 | |
| 1,728 | 363 | 0 | 1,666 | | 3,697 | 7,454 | | 21,457 | 0 | 6,817 | 484 | |
| | | | | | | 2,224 | | 11,524 | | 8,243 | 485 | |
| (d800) | | d0 | d0 | | d2,652 | d3,452 | | 11,559 | 7,487 | | 486 | |
| | | | | | | e26,000 | | 58,692 | | | 487 | |
| 2,098 | 374 | 661 | | | | d6,984 | 164 | 35,962 | 0 | 14,265 | 488 | |
| | | | 0 | | | | | 928,763 | | 41,445 | 489 | |
| 1,313 | 957 | 42 | 630 | 252 | 1,213 | 4,407 | 0 | 21,535 | 2,000 | 15,418 | 490 | |
| 45,539 | 29,386 | (f) | 20,435 | 28,338 | 3,294 | e132,500 | | 702,785 | | 0 | 491 | |
| 25,004 | 5,175 | | 4,022 | | 8,430 | 42,631 | | 313,935 | 37,000 | 60,446 | 492 | |
| 17,197 | 7,200 | 2,749 | 2,406 | 0 | 6,916 | 36,468 | 0 | 211,994 | 0 | 64,299 | 493 | |
| | 3,441 | | | | 809 | 4,250 | | 14,150 | | 10,854 | 494 | |

d In 1887-88.
e Estimated.

f Expenditure for stationery is included in column 5.
g Deficit, \$35,061.

TABLE 19.—Statistics of expenditures of public schools of cities

| City. | Expenditures for the school year 1888-89. | | | | | | | |
|--------------------------|-------------------------------------------|-----------------------------------------|------------|---------------------------------------------------|------------------|-----------------------------------|-----------------------|--------------------|
| | Permanent. | | | | | For tuition. | | |
| | Sites, new buildings, and fixtures. | Permanent alterations and improvements. | Furniture. | Libraries, text-books, and educational apparatus. | Total permanent. | Salaries of supervising officers. | Salaries of teachers. | Total for tuition. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| OHIO—continued. | | | | | | | | |
| 495 Delaware * | | | | | | (\$13,509) | | \$13,509 |
| 496 Delphos * | 0 | \$469 | 0 | \$317 | \$786 | \$1,200 | \$6,095 | 7,295 |
| 497 East Liverpool..... | \$16,544 | | | | 16,544 | 1,200 | 9,517 | 10,717 |
| 498 Elyria..... | | | | 250 | | 2,000 | 10,178 | 12,178 |
| 499 Findlay * | | | | | | (11,343) | | 11,343 |
| 500 Fostoria * | 0 | 0 | 0 | 0 | 0 | 1,450 | 6,540 | 7,990 |
| 501 Fremont..... | | | | | | (11,877) | | 11,877 |
| 502 Gallon..... | | | | 150 | 150 | 1,300 | 8,665 | 9,965 |
| 503 Gallipolis..... | | 908 | \$375 | 425 | 1,708 | 1,300 | 8,895 | 10,195 |
| 504 Greenville * | | | | | | (11,940) | | 11,940 |
| 505 Hamilton..... | | 3,500 | 300 | 150 | 3,950 | 2,700 | 29,975 | 32,675 |
| 506 Ironton..... | 35,647 | | | | 35,647 | 1,800 | 16,953 | 18,753 |
| 507 Kenton * | | | | | | (10,248) | | 10,248 |
| 508 Lancaster..... | | | | | | 1,250 | 13,764 | 15,014 |
| 509 Lima..... | 9,446 | | | | 9,446 | 1,600 | 16,023 | 17,623 |
| 510 Mansfield * | | | | | | (22,725) | | 22,725 |
| 511 Marietta * | 1,389 | 1,544 | | 50 | 2,983 | 1,500 | 10,770 | 12,270 |
| 512 Marion * | | | | | | 1,500 | | |
| 513 Martin's Ferry..... | 3,733 | | 85 | 60 | 3,878 | 2,23 | 7,218 | 9,448 |
| 514 Massillon * | | | | | | (15,374) | | 15,374 |
| 515 Middletown..... | 0 | 650 | 1,150 | 300 | 2,100 | 1,500 | 11,050 | 12,550 |
| 516 Mount Vernon * | | | | | | (15,564) | | 15,564 |
| 517 Nelsonville * | 0 | 0 | 0 | 50 | 50 | 1,300 | 5,245 | 6,545 |
| 518 Newark..... | 9,992 | | | | 9,992 | 1,800 | 22,914 | 24,714 |
| 519 Norwalk..... | (3,229) | | | | | 1,600 | 13,268 | 14,868 |
| 520 Painesville..... | 10,843 | | | | 10,843 | 750 | 9,698 | 10,448 |
| 521 Piqua..... | 7,338 | 1,354 | 411 | 150 | 9,253 | 1,500 | 11,897 | 13,397 |
| 522 Pomeroy..... | | | | | | 900 | 7,577 | 8,477 |
| 523 Portsmouth..... | | | | | | 1,800 | 17,273 | 19,073 |
| 524 Salem * | | | | | | (11,000) | | 11,000 |
| 525 Sandusky..... | 5,406 | 2,400 | | | 7,806 | 1,800 | 27,439 | 29,239 |
| 526 Sidney..... | | | | | | 1,200 | 10,475 | 11,675 |
| 527 Springfield * | | | | | | 1,800 | 59,566 | 61,366 |
| 528 Steubenville..... | 1,806 | 1,085 | 44 | 506 | 3,441 | 1,750 | 24,523 | 26,273 |
| 529 Tiffin..... | | | | | | 1,800 | 12,390 | 14,190 |
| 530 Toledo..... | 35,202 | 9,665 | 2,672 | 82 | 47,621 | 3,950 | 98,206 | 102,156 |
| 531 Troy..... | 0 | 190 | 0 | 1,700 | 1,890 | 1,800 | 10,666 | 12,466 |
| 532 Urbana * | 0 | 2,056 | 0 | 125 | 2,181 | 1,800 | 11,596 | 13,396 |
| 533 Van Wert * | 15,000 | 2,500 | 1,000 | 0 | 18,500 | 1,100 | 8,280 | 9,380 |
| 534 Warren * | | | | | | 1,600 | | |
| 535 Washington C. H..... | 425 | 4,885 | 353 | | 5,663 | 1,500 | 12,245 | 13,745 |
| 536 Wooster * | | | | | | (14,168) | | 14,168 |
| 537 Xenia * | | | | | | (18,740) | | 18,740 |
| 538 Youngstown..... | 2,108 | | | | | 2,200 | 34,016 | 36,216 |
| 539 Zanesville * | | | | | | (39,729) | | 39,729 |
| OREGON. | | | | | | | | |
| 540 Astoria..... | 12 | 762 | 508 | 27 | 1,309 | (12,270) | | 12,270 |
| 541 Portland..... | | 8,999 | 2,397 | 125 | 11,521 | 3,000 | 78,023 | 81,023 |
| 542 Salem..... | | | | 181 | 181 | (10,168) | | 10,168 |
| PENNSYLVANIA. | | | | | | | | |
| 543 Allegheny..... | | | | | 79,594 | (159,907) | | 159,907 |
| 544 Allentown..... | 18,191 | 539 | 1,079 | 283 | 20,092 | 2,075 | 32,033 | 34,113 |
| 545 Altoona..... | 24,481 | 10,787 | 3,918 | | 39,186 | 1,500 | 31,851 | 33,351 |
| 546 Ashland..... | 587 | | | | 587 | 1,200 | 7,074 | 8,274 |
| 547 Beaver Falls..... | | | | | 13,839 | (11,607) | | 11,607 |
| 548 Bellfonte..... | | 75 | 100 | | 175 | (5,740) | | 5,740 |

* Statistics of 1887-88.
a Estimated.

and villages containing over 4,000 inhabitants—Continued.

| Expenditures for the school year 1888-89. | | | | | | | | | | |
|---------------------------------------------|-----------------|------------------------|---------------------------|-------------------|-----------------------------|-------------------|----------------------|---------------------|----------------------------------------------|-------------------------------------------------------|
| Incidental. | | | | | | | For evening schools. | Total expenditures. | Paid on principal of loans and bonded debts. | Amount carried forward to next school year (1889-90). |
| Pay of school board, clerks, janitors, etc. | Fuel and light. | Stationery for pupils. | Interest on indebtedness. | Ordinary repairs. | All other current expenses. | Total incidental. | | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | | | | \$23,390 | | 495 |
| \$385 | \$326 | 0 | 0 | | \$610 | \$1,321 | | 9,402 | | 496 |
| 745 | | \$125 | | | | 9,704 | 0 | 36,965 | | 497 |
| | | | | | | | | | | 498 |
| | | | \$3,550 | | 3,219 | 6,769 | | 88,112 | | 499 |
| (5,579) | | | | | | 14,759 | | 14,759 | | 500 |
| 660 | 455 | 54 | 192 | \$325 | 675 | 18,894 | | 18,894 | | 501 |
| 3,805 | 2,000 | 150 | | 850 | 4,753 | 5,579 | | 15,694 | | 502 |
| 125 | 478 | | 3,281 | | 2,289 | 2,561 | | 14,464 | \$339 | 503 |
| | | | | | | | | | | 504 |
| | | | | | | | | | | 505 |
| | | | | | | | | | | 506 |
| | | | | | | | | | | 507 |
| 1,450 | | | (b) | | | 5,418 | 0 | 20,432 | 0 | 508 |
| 2,252 | | | | | 7,668 | 11,000 | 0 | 17,251 | 64,950 | 509 |
| | | | | | | | | | | 510 |
| 771 | 363 | 94 | | | 770 | 1,998 | | 33,018 | | 511 |
| | | | | | | | | 17,251 | | 512 |
| 711 | 190 | | 878 | 300 | | 2,079 | | 34,396 | | 513 |
| | | | | | | | | | 1,000 | 514 |
| 1,550 | 67 | 250 | 1,454 | 200 | 0 | 3,521 | 0 | 39,941 | | 515 |
| | | | | | | | | 18,171 | 2,000 | 516 |
| 625 | 125 | 2 | 2,315 | | 2,429 | 5,496 | | 16,871 | | 517 |
| | | | | | | 17,461 | 0 | 12,091 | 7,500 | 518 |
| | | | | | | | | 52,166 | 0 | 519 |
| 1,010 | 766 | | | | 1,207 | 2,983 | | 23,856 | 2,700 | 520 |
| 690 | 954 | 233 | 2,960 | 481 | 1,903 | 7,221 | | 24,274 | | 521 |
| | | | | | | 2,408 | | 33,871 | 4,000 | 522 |
| 1,847 | | | 1,276 | | 5,875 | 8,998 | | 10,885 | | 523 |
| | | | | | | | | 28,071 | 4,000 | 524 |
| 2,988 | 2,582 | 350 | 2,180 | | 2,082 | 10,182 | | 19,095 | | 525 |
| | | | | | | | | 47,226 | 4,000 | 526 |
| | | | | | | | | 20,520 | | 527 |
| 2,909 | 756 | 145 | 62 | 992 | 1,080 | 5,944 | 0 | 99,493 | 15,846 | 528 |
| | | | 360 | | 3,302 | 3,662 | 0 | 35,658 | 2,500 | 529 |
| 7,735 | 4,907 | 341 | 14,430 | 3,035 | 10,284 | 40,732 | | 17,852 | 3,000 | 530 |
| 1,580 | 660 | 200 | 1,039 | | 1,820 | 5,299 | 0 | 130,509 | 59,500 | 531 |
| 1,140 | 1,683 | 25 | 4,882 | | 108 | 7,838 | | 19,655 | 11,900 | 532 |
| 635 | 2,000 | 50 | 0 | | 1,000 | 3,685 | | 23,415 | 10,620 | 533 |
| | | | | | | | | 31,565 | 0 | 534 |
| | | | | | | | | 22,923 | | 535 |
| 1,000 | 500 | 50 | 120 | 502 | 1,034 | 3,226 | 0 | 22,634 | 2,500 | 536 |
| | | | | | | | | 17,062 | | 537 |
| | | | | | | | | 31,838 | | 538 |
| 420 | | | | | | | | 55,080 | | 539 |
| | | | | | | | | 54,122 | | |
| | | | | | | | | | | |
| 821 | 847 | | | | 9,060 | 10,728 | | 24,307 | | 540 |
| 7,831 | 3,227 | 815 | 4,579 | 2,024 | 4,327 | 22,803 | 0 | 115,347 | 20,000 | 541 |
| 1,529 | 493 | | 1,927 | 690 | 251 | 4,890 | | 15,239 | | 542 |
| | | | | | | | | | | |
| | | | | | | 119,835 | | 359,336 | | 543 |
| 3,385 | 2,139 | 136 | 20,268 | 250 | 4,256 | 30,434 | 0 | 84,639 | 1,000 | 544 |
| 4,467 | 1,231 | | 3,745 | 355 | 2,368 | 12,166 | 0 | 84,703 | 27,460 | 545 |
| 956 | 1,546 | 258 | 786 | 1,456 | 346 | 5,348 | \$300 | 14,509 | 2,994 | 546 |
| 1,257 | 489 | | 3,725 | | | 6,627 | 90 | 32,073 | | 547 |
| 750 | 450 | | 2,010 | 550 | | | 0 | | 2,852 | 548 |

b Payment of interest on bonds is included in column 19.
c In 1887-88.

TABLE 19.—Statistics of expenditures of public schools of cities

| City. | Expenditures for the school year 1888-89. | | | | | | | |
|----------------------|-------------------------------------------|-----------------------------------------|------------|---------------------------------------------------|------------------|-----------------------------------|-----------------------|--------------------|
| | Permanent. | | | | | For tuition. | | |
| | Sites, new buildings, and fixtures. | Permanent alterations and improvements. | Furniture. | Libraries, text-books, and educational apparatus. | Total permanent. | Salaries of supervising officers. | Salaries of teachers. | Total for tuition. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| PENNSYLVANIA—cont'd. | | | | | | | | |
| 549 Bethlehem * | \$12,562 | 0 | \$212 | 0 | \$12,773 | \$1,020 | \$5,614 | \$6,634 |
| 550 Bloomsburgh * | 707 | | | | 707 | (4,794) | | 4,794 |
| 551 Braddock * | 1,697 | \$434 | 260 | \$212 | 2,653 | 1,060 | 6,589 | 7,649 |
| 552 Bradford. | | 3,547 | | | 3,547 | 1,400 | 15,160 | 16,560 |
| 553 Bristol | 0 | 0 | 0 | 273 | 273 | 540 | 5,447 | 5,987 |
| 554 Butler | 490 | 0 | 0 | 0 | 490 | 2,090 | 7,810 | 9,900 |
| 555 Carbondale * | | | | | 9,884 | | 11,514 | 11,514 |
| 556 Carlisle | 300 | 0 | 0 | 0 | 300 | 0 | 9,345 | 9,345 |
| 557 Chambersburgh. | 0 | 315 | 0 | 0 | 315 | 800 | 12,598 | 13,398 |
| 558 Chester | 17,968 | 0 | 0 | 1,502 | 19,470 | 1,300 | 26,110 | 27,410 |
| 559 Columbia | 1,000 | 488 | 195 | 103 | 1,786 | 1,620 | 10,829 | 12,449 |
| 560 Connellsville | 0 | 1,423 | 0 | 30 | 1,453 | 0 | 6,639 | 6,639 |
| 561 Con-hohocken | | | 111 | 909 | 1,020 | 150 | 6,871 | 6,521 |
| 562 Corry | | | | | | 1,350 | 7,160 | 8,510 |
| 563 Danville | | | | | | (10,076) | | 10,076 |
| 564 Du Bois | 340 | 63 | | | 403 | 282 | 7,858 | 8,185 |
| 565 Dunmore | 2,235 | 486 | | | 2,721 | (10,136) | | 10,136 |
| 566 Easton * | 2,852 | | | | 2,852 | (28,365) | | 28,365 |
| 567 Erie | 19,369 | | | 401 | 19,769 | 2,500 | 55,194 | 57,694 |
| 568 Franklin * | 1,199 | | | | 1,199 | (12,865) | | 12,865 |
| 569 Greenville | 0 | 199 | 394 | 0 | 593 | 1,850 | 5,778 | 7,623 |
| 570 Harrisburg | 21,163 | | | | 21,163 | 1,800 | 55,368 | 57,168 |
| 571 Hazleton | 0 | 1,069 | 12 | 150 | 1,231 | 1,500 | 12,484 | 13,984 |
| 572 Honesdale | | | | | 13,997 | (5,543) | | 5,543 |
| 573 Huntingdon | 200 | 1,500 | 100 | 300 | 2,100 | 1,200 | 7,094 | 8,294 |
| 574 Johnstown * | | 820 | | | 820 | (15,512) | | 15,512 |
| 575 Lancaster | | 2,650 | 88 | | | 1,500 | 35,696 | 37,196 |
| 576 Lebanon * | 1,373 | 794 | 513 | 0 | 2,680 | 800 | 12,805 | 13,105 |
| 577 Lock Haven | | | | | | 1,100 | 9,600 | 10,700 |
| 578 McKeesport | | | | | 8,514 | (19,962) | | 19,962 |
| 579 Mahanoy | | | | | 15,980 | 1,200 | 9,174 | 10,374 |
| 580 Mauch Chunk * | 1,199 | | | | 1,199 | (6,385) | | 6,385 |
| 581 Meadville | 26,061 | 2,853 | | 388 | 29,307 | 2,700 | 17,522 | 20,222 |
| 582 Mechanicsburgh | 27 | 0 | 235 | 0 | 312 | 0 | 5,004 | 5,004 |
| 583 Middletown | | | | | 403 | (4,859) | | 4,859 |
| 584 Monongahela * | 208 | 423 | 0 | 0 | 731 | 0 | 6,454 | 6,454 |
| 585 Nanticoke | 1,790 | 399 | | 370 | 2,559 | 1,200 | 9,014 | 10,214 |
| 586 New Brighton * | | | | | 965 | 1,300 | 5,092 | 6,392 |
| 587 New Castle | | 1,500 | | | 1,700 | 1,500 | 15,300 | 16,800 |
| 588 Norristown | 24,668 | | 737 | 1,597 | 27,002 | 1,500 | 25,912 | 27,412 |
| 589 Oil City * | 26,244 | | | | 26,274 | (17,526) | | 17,526 |
| 590 Philadelphia | (290,410) | | | 25,202 | 315,612 | 16,800 | 1,428,971 | 1,445,771 |
| 591 Phoenixville | 0 | 0 | 0 | 729 | 729 | 1,200 | 9,800 | 11,000 |
| 592 Pittsburgh * | 76,758 | 60,201 | | | 136,959 | 3,500 | 340,190 | 343,690 |
| 593 Pittston | 19,265 | 999 | | | 20,264 | 1,000 | 7,738 | 8,738 |
| 594 Plymouth | 0 | 222 | 236 | | 509 | 0 | 7,653 | 7,653 |
| 595 Pottstown | 7,300 | | | | 7,300 | 1,100 | 15,139 | 16,239 |
| 596 Pottsville | | 1,378 | | | 1,378 | 2,225 | 22,918 | 23,143 |
| 597 Reading | 23,547 | 967 | 850 | 2,541 | 27,905 | 2,000 | 63,905 | 65,905 |
| 598 Renovo | | | | | | (3,807) | | 3,807 |
| 599 St. Clair * | 583 | | | | 583 | (3,575) | | 3,575 |
| 600 Scranton | 7,840 | 14,120 | | | 21,960 | 1,800 | 92,679 | 94,479 |
| 601 Shamokin * | 7,119 | | | | 7,119 | (12,182) | | 12,182 |
| 602 Sharon * | 2,023 | | | | 2,023 | | | 9,056 |

* Statistics of 1887-88.

a Fuel included in column 15.

b Balance due treasurer, \$1,295.

c Deficit of last year.

d Deficit, \$257.

e Estimated.

and villages containing over 4,000 inhabitants—Continued.

| Expenditures for the school year 1888-89. | | | | | | | | | | | |
|---------------------------------------------|-----------------|------------------------|---------------------------|-------------------|-----------------------------|-------------------|----------------------|----------------------------------------------|-------------------------------------------------------|---------------------|-----|
| Incidental. | | | | | | | | Paid on principal of loans and bonded debts. | Amount carried forward to next school year (1889-90). | | |
| Pay of school board, clerks, janitors, etc. | Fuel and light. | Stationery for pupils. | Interest on indebtedness. | Ordinary repairs. | All other current expenses. | Total Incidental. | For evening schools. | | | Total expenditures. | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| \$418 | \$1,100 | 0 | 0 | | \$576 | \$2,094 | | \$21,501 | \$3,603 | \$106 | 549 |
| 451 | (a) 174 | \$30 | \$1,600 | | 600 | 2,560 | | 8,061 | | | 550 |
| 1,653 | 1,078 | \$30 | 664 | | 308 | 2,855 | | 13,157 | | 178 | 551 |
| 1,069 | 455 | 824 | 061 | | 277 | 4,527 | | 24,634 | 1,200 | 9 | 552 |
| 948 | 499 | | 432 | | 320 | 2,548 | 0 | 9,707 | 1,000 | 2,388 | 553 |
| 1,202 | (a) | | 732 | | 746 | 3,863 | 0 | 14,253 | 0 | 60 | 554 |
| 1,528 | 512 | 0 | 240 | | 889 | 2,854 | | 24,745 | 493 | | 555 |
| 1,190 | 1,009 | 0 | 805 | | 277 | 3,723 | 0 | 13,368 | 0 | 5,922 | 556 |
| 3,563 | 1,250 | 0 | 2,510 | | 0 | 3,451 | | 17,164 | c 300 | d 0 | 557 |
| 772 | 639 | | | 454 | 942 | 7,578 | | 54,458 | | 363 | 558 |
| 804 | f 368 | 0 | 1,000 | 0 | 612 | e2,900 | | 17,156 | 8,456 | | 559 |
| 600 | 266 | | 1,128 | 222 | 276 | 2,784 | 0 | 10,876 | 0 | 3,709 | 560 |
| 325 | 1,467 | | 725 | 2,678 | 1,601 | 2,492 | | 10,033 | 8,000 | 3,107 | 561 |
| 2,223 | | | 832 | | 1,060 | 6,796 | | 15,306 | 5,000 | 992 | 562 |
| 573 | | | 780 | | 44 | 4,115 | | 14,191 | | 4,087 | 563 |
| 1,061 | 468 | | | | 624 | 1,407 | | 9,945 | | (g) | 564 |
| | | | | | | 2,153 | | 15,010 | | 1,654 | 565 |
| 8,979 | 3,506 | 950 | 0 | 2,209 | 4,478 | 20,329 | | 51,546 | | | 566 |
| | | | | | | 20,122 | 0 | 97,585 | 0 | 0 | 567 |
| | | | | | | 4,996 | | 19,060 | | | 568 |
| 601 | 546 | | | | | 1,147 | 0 | 9,263 | 1,754 | 125 | 569 |
| 6,120 | 4,201 | | 4,604 | | 2,258 | 17,183 | | 95,514 | 12,500 | 2,517 | 570 |
| 1,255 | 690 | 584 | 364 | | 157 | 3,050 | \$139 | 20,804 | 2,400 | 3,265 | 571 |
| | | | | | | 12,492 | | 32,032 | | | 572 |
| 1,000 | 900 | 100 | 500 | 300 | | 2,800 | | 13,194 | | 31 | 573 |
| 251 | (a) | 127 | 585 | | a3,049 | 4,012 | | 20,344 | | 616 | 574 |
| 278 | 2,175 | 2,649 | 3,759 | | | | | 64,701 | | 1,388 | 575 |
| 713 | 793 | 0 | 1,085 | | 500 | 3,091 | | 20,876 | 2,000 | 6,326 | 576 |
| 700 | 700 | | | 500 | | 1,960 | | 12,600 | | | 577 |
| | | | | | | 8,266 | 0 | 36,742 | 0 | 789 | 578 |
| 1,295 | 1,248 | 90 | 2,189 | | 277 | 5,099 | 200 | 31,653 | | 3,621 | 579 |
| | | | | | | 3,479 | | 11,063 | | | 580 |
| 3,101 | 1,563 | 675 | 873 | 175 | 771 | 7,158 | | 56,687 | 10,009 | 3,769 | 581 |
| | | | | | | 1,247 | 0 | 6,563 | 0 | 1,268 | 582 |
| | | | | | | 2,744 | | 8,006 | | | 583 |
| 609 | 200 | 0 | 1,330 | | 493 | 2,632 | | 9,817 | 1,600 | 845 | 584 |
| 1,199 | 245 | 242 | 738 | 200 | 31 | 2,655 | 309 | 15,737 | 6,000 | 823 | 585 |
| | | | | | | 3,921 | | 11,278 | | | 586 |
| 2,000 | 800 | 100 | 1,450 | 1,500 | 1,274 | 7,124 | 0 | 25,583 | 1,000 | 127 | 587 |
| 3,176 | 1,397 | 400 | 1,189 | 484 | 1,234 | 7,880 | 0 | 62,294 | 0 | 3,350 | 588 |
| | | | | | | 11,700 | | 55,500 | | | 589 |
| 142,661 <i>h</i> | 59,827 | 123,228 <i>h</i> | 0 | 30,951 | 201,300 | 557,967 | 33,083 | 2,357,433 | 0 | 260,156 <i>h</i> | 590 |
| 1,333 | 1,038 | | 1,467 | 536 | 150 | 4,524 | 0 | 16,253 | 2,700 | 837 | 591 |
| 5,053 | 26,269 | | 47,236 | | 65,398 | 143,956 | | 624,605 | 106,650 | 175,273 | 592 |
| 880 | 325 | 292 | 285 | | 890 | 2,672 | 340 | 32,014 | 0 | 5,877 | 593 |
| 814 | 366 | | 498 | 47 | 183 | 1,908 | 379 | 10,449 | 4,000 | 307 | 594 |
| 3,240 | 2,016 | | 1,020 | 3,163 | 127 | 9,566 | | 33,105 | 2,500 | 176 | 595 |
| 2,594 | 1,050 | | 1,237 | 1,253 | 3,394 | 9,528 | | 36,049 | 3,500 | 27 | 596 |
| 9,586 | 4,810 | 2,793 | 2,024 | 1,871 | 9,560 | 31,044 | | 151,664 | 26,810 | 17,521 | 597 |
| 950 | 213 | | 1,363 | 417 | 272 | 3,215 | | 12,387 | 5,365 | (k) | 598 |
| | | | | | | 1,149 | | 5,307 | | | 599 |
| 10,673 | 4,147 | | 3,500 | 2,657 | 4,334 | 25,311 | 2,142 | 143,892 | 0 | 66,431 | 600 |
| | | | | | | 4,648 | | 23,949 | | | 601 |
| | | | | | | 3,010 | | 14,089 | | | 602 |

f Includes printing.*g* Deficit \$46.*h* Apparatus is included in column 5.*i* Expenditure for books is included in column 12.*j* \$10,599 merged.*k* Balance due treasurer \$121.

TABLE 19.—Statistics of expenditures of public schools of cities

| City. | Expenditures for the school year 1888-89. | | | | | | | |
|----------------------------|-------------------------------------------|--------------------------------------------|------------|-----------------------------------------------------------|------------------|--------------------------------------|-----------------------|--------------------|
| | Permanent. | | | | | For tuition. | | |
| | Sites, new buildings, and fixtures. | Permanent alterations and improvements. | Furniture. | Libraries, text-books, and educational ap- paratus. | Total permanent. | Salaries of supervising officers. | Salaries of teachers. | Total for tuition. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| PENNSYLVANIA—cont'd. | | | | | | | | |
| 603 Shenandoah..... | \$(8,311) | | \$500 | \$205 | \$9,016 | \$1,650 | \$17,505 | \$19,155 |
| 604 South Bethlehem *..... | | 1,608 | 116 | | 1,724 | | 9,627 | 9,627 |
| 605 South Easton..... | 545 | 309 | 138 | 976 | 1,968 | 1,000 | 7,385 | 8,385 |
| 606 Steelton..... | 0 | 1,104 | 634 | 193 | 1,931 | 1,200 | 11,373 | 12,573 |
| 607 Sunbury *..... | 558 | | | | 558 | (6,620) | | 6,620 |
| 608 Susquehanna..... | 0 | 9 | 0 | 0 | 0 | 0 | 2,968 | 2,968 |
| 609 Tamaqua..... | | 334 | | | 334 | | 6,603 | 6,603 |
| 610 Titusville..... | 1,500 | 4,445 | | 650 | 6,595 | 1,800 | 15,275 | 17,075 |
| 611 Towanda*..... | 2,068 | | | | 2,068 | (6,370) | | 6,370 |
| 612 Uniontown..... | | | 543 | | 543 | (6,070) | | 6,070 |
| 613 Warren..... | | 176 | 239 | 134 | 549 | 1,665 | 7,567 | 9,232 |
| 614 Washington..... | | 6753 | | | | (9,219) | | 9,219 |
| 615 West Chester..... | 0 | 796 | 0 | 1,401 | 2,197 | 1,390 | 11,628 | 13,018 |
| 616 Wilkes Barre..... | 43,246 | 3,775 | | | 47,021 | (53,914) | | 53,914 |
| 617 Williamsport..... | 27,482 | 2,868 | 1,000 | 107 | 31,457 | 1,500 | 39,158 | 40,658 |
| 618 York..... | 12,389 | | (2,185) | 313 | 15,787 | 1,600 | 23,371 | 24,971 |
| RHODE ISLAND. | | | | | | | | |
| 619 Bristol..... | | | | 781 | | 600 | 9,300 | 9,900 |
| 620 Central Falls..... | 19,780 | 925 | | 223 | 20,928 | 0 | 12,067 | 12,067 |
| 621 Newport..... | 0 | 0 | 652 | 516 | 1,168 | (f40,678) | | f40,673 |
| 622 Pawtucket..... | 26,669 | 703 | 2,939 | 1,212 | 31,523 | 1,422 | 47,235 | 48,657 |
| 623 Providence..... | 667,727 | 28,761 | (g) | | 96,488 | 3,500 | 223,591 | 227,091 |
| 624 Woonsocket..... | 149 | | (619) | 106 | 904 | 1,750 | 24,519 | 26,269 |
| SOUTH CAROLINA. | | | | | | | | |
| 625 Charleston..... | | | | | | 2,500 | 63,981 | 66,481 |
| 626 Columbia..... | | | | | | h1,620 | h9,005 | h10,625 |
| 627 Greenville*..... | | | | | 18,000 | 1,000 | 3,256 | 4,256 |
| 628 Spartanburg..... | 12,000 | | 300 | | 12,300 | 900 | 2,520 | 3,420 |
| TENNESSEE. | | | | | | | | |
| 629 Chattanooga..... | | | 84 | | 84 | 1,650 | 28,429 | 30,079 |
| 630 Clarksville..... | | 468 | 290 | 47 | 805 | 1,500 | 7,967 | 9,467 |
| 631 Jackson..... | 612 | (i) | | | | 1,500 | 8,125 | 9,625 |
| 632 Knoxville..... | 1,000 | 0 | 37 | 120 | 1,157 | 1,800 | 25,052 | 26,852 |
| 633 Memphis..... | 43,347 | 2,853 | 1,218 | 81 | 47,499 | 2,000 | 45,301 | 47,301 |
| 634 Nashville..... | 1,130 | 1,501 | 2,313 | | 4,944 | 4,800 | 84,144 | 88,944 |
| 635 Union City..... | 0 | 295 | 0 | 0 | 295 | 1,200 | 3,410 | 4,610 |
| TEXAS. | | | | | | | | |
| 636 Austin..... | 2,859 | | 1,178 | 795 | 5,018 | 1,650 | 35,463 | 37,113 |
| 637 Brenham..... | 0 | 132 | 40 | 29 | 201 | 1,200 | 9,533 | 10,733 |
| 638 Brownsville..... | 4,396 | 0 | 85 | 0 | 4,481 | 1,499 | 5,540 | 7,039 |
| 639 Dallas..... | | | 2,670 | | 2,670 | 2,000 | 31,591 | 33,591 |
| 640 Denison..... | 16,413 | 301 | 82 | | 16,796 | 1,500 | 12,797 | 14,297 |
| 641 El Paso..... | 4,495 | 828 | 152 | 214 | 5,689 | 2,400 | 10,044 | 12,444 |
| 642 Fort Worth..... | | | 230 | | 230 | 2,000 | 24,615 | 26,615 |
| 643 Galveston..... | 9,844 | 3,236 | 3,515 | 398 | 16,793 | 2,400 | 52,947 | 55,347 |
| 644 Houston..... | 11,295 | 1,044 | 2,112 | 600 | 15,051 | 2,000 | 27,913 | 29,913 |
| 645 Marshall..... | | | | | | (5,155) | | 5,155 |
| 646 Palestine..... | | | | | | 1,500 | 5,850 | 7,350 |
| 647 Paris..... | | 601 | | | 601 | 1,700 | 15,726 | 17,426 |

* Statistics for 1887-88.

a Balance due treasurer \$306.

b Expenditure for ordinary repairs is included in column 3.

c Includes other supplies.

d Deficit \$171.

e Estimated.

and villages containing over 4,000 inhabitants—Continued.

| Expenditures for the school year 1888-89. | | | | | | | | | | | |
|---------------------------------------------|-----------------|------------------------|---------------------------|------------------|-----------------------------|-------------------|----------------------|---------------------|----------------------------------------------|-------------------------------------------------------|-------|
| Incidental. | | | | | | | | Total expenditures. | Paid on principal of loans and bonded debts. | Amount carried forward to next school year (1889-90). | |
| Pay of school board, clerks, janitors, etc. | Fuel and light. | Stationery for pupils. | Interest on indebtedness. | Ordinary repairs | All other current expenses. | Total incidental. | For evening schools. | | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| \$2,080 | \$990 | \$302 | \$1,700 | \$901 | \$1,625 | \$7,598 | \$442 | \$36,211 | \$1,000 | \$305 | 603 |
| 75 | 466 | ..... | 721 | ..... | 26 | 2,088 | ..... | 13,439 | 500 | 952 | 604 |
| 841 | 433 | ..... | 669 | 80 | 53 | 2,076 | 0 | 12,429 | 0 | ..... | 605 |
| 1,341 | 631 | 281 | 351 | 426 | 394 | 3,424 | ..... | 17,928 | 7,100 | ..... | 606 |
| ..... | ..... | ..... | ..... | ..... | ..... | 2,198 | ..... | 9,376 | ..... | ..... | 607 |
| 257 | 456 | 0 | 425 | 255 | 522 | 1,915 | 0 | 4,883 | 1,255 | 0 | 608 |
| 711 | 147 | 31 | 800 | ..... | 190 | 1,879 | ..... | 9,134 | ..... | 2,017 | 609 |
| 1,660 | 2,063 | ..... | 3,009 | 940 | 253 | 7,925 | 0 | 31,595 | 0 | 13,285 | 610 |
| ..... | ..... | ..... | ..... | ..... | ..... | 1,961 | ..... | 10,399 | ..... | ..... | 611 |
| 921 | 9 | ..... | 180 | 353 | 377 | 1,840 | ..... | 8,454 | 2,000 | 718 | 612 |
| 75 | 460 | ..... | 605 | 121 | 1,281 | 2,542 | ..... | 12,333 | 500 | ..... | 613 |
| 1,149 | 245 | 415 | 296 | (b) | 327 | ..... | ..... | 12,404 | 1,900 | ..... | 614 |
| 1,779 | 1,091 | 0 | 2,236 | 568 | 694 | 6,368 | 0 | 21,583 | 7,200 | 0 | 615 |
| 3,369 | 4,252 | ..... | 3,536 | ..... | 1,651 | 12,808 | 0 | 113,743 | 4,550 | 12,765 | 616 |
| 3,449 | 5,302 | ..... | ..... | 1,349 | 1,030 | 11,130 | ..... | 83,245 | ..... | 8,588 | 617 |
| 1,801 | 1,314 | ..... | 215 | 913 | 467 | 4,710 | 0 | 52,847 | 7,379 | 6,583 | 618 |
| | | | | | | | | | | | |
| (1,368) | ..... | ..... | ..... | ..... | ..... | 23,400 | ..... | 13,421 | ..... | 0 | 619 |
| 1,550 | 1,470 | 246 | 645 | 348 | 596 | 4,855 | 548 | 38,398 | 0 | 0 | 620 |
| 4,026 | 2,202 | 251 | 0 | 3,364 | 2,933 | 10,976 | (f) | 54,617 | 0 | 1,703 | 621 |
| 6,916 | 5,394 | ..... | ..... | 7,906 | 4,228 | 24,444 | 2,134 | 106,758 | 0 | 47,672 | 622 |
| (34,797) | ..... | 5,201 | ..... | ..... | 2,026 | 42,024 | 15,864 | 381,467 | 0 | ..... | 623 |
| 2,728 | 1,943 | 1,065 | 0 | ..... | 2,623 | 8,359 | 0 | 35,532 | 0 | ..... | 624 |
| | | | | | | | | | | | |
| 2,880 | 750 | 390 | ..... | 3,284 | 1,727 | 9,031 | 250 | 75,762 | 0 | 7,039 | 625 |
| ..... | ..... | h0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 626 |
| 109 | 114 | 0 | 0 | ..... | 737 | 960 | ..... | 23,216 | 0 | 0 | 627 |
| 60 | 160 | ..... | ..... | ..... | ..... | 220 | ..... | 15,940 | ..... | 235 | 628 |
| | | | | | | | | | | | |
| 1,528 | 837 | ..... | ..... | 571 | 984 | 3,920 | 0 | 34,082 | 0 | 7,701 | 629 |
| 273 | 346 | 0 | 18 | 82 | 691 | 1,410 | 0 | 11,682 | 0 | 2,403 | 630 |
| 255 | 196 | ..... | 453 | ..... | 771 | ..... | ..... | ..... | 234 | 2,531 | 631 |
| 2,060 | 1,119 | 0 | 0 | 231 | 40 | 3,450 | 0 | 81,460 | 0 | 518 | 632 |
| 5,768 | 1,592 | 30 | 2,193 | ..... | 7,219 | 16,802 | 0 | 111,602 | 14,583 | 0 | 633 |
| 4,785 | 1,503 | 1,093 | ..... | 1,101 | 5,664 | 14,146 | 0 | 108,034 | ..... | ..... | 634 |
| ..... | ..... | ..... | ..... | ..... | ..... | 505 | ..... | 5,410 | ..... | 2,269 | 635 |
| | | | | | | | | | | | |
| 2,229 | 702 | ..... | 834 | 824 | 2,795 | 7,384 | 0 | 49,329 | 11,050 | 319 | 636 |
| 315 | 132 | 58 | 0 | 45 | 890 | 940 | 0 | 11,874 | 0 | 127 | 637 |
| 540 | 105 | 19 | 0 | 0 | 1,429 | 2,093 | 0 | 13,613 | 0 | 663 | 638 |
| 2,013 | 1,206 | 291 | ..... | 1,682 | 1,934 | 7,126 | ..... | 43,387 | ..... | 0 | 639 |
| ..... | ..... | ..... | ..... | ..... | ..... | 4,753 | 0 | 35,845 | 0 | 0 | 640 |
| 910 | 278 | 150 | 0 | 537 | 896 | 2,771 | 0 | 20,904 | 0 | 15,442 | 641 |
| ..... | ..... | ..... | ..... | 642 | 4,767 | 5,409 | 0 | 32,254 | 0 | 12,088 | 642 |
| 3,360 | 963 | 0 | 0 | 1,983 | 5,932 | 12,238 | 0 | 84,578 | 0 | 1,016 | 643 |
| 2,507 | 626 | ..... | ..... | 2,126 | 2,211 | 7,470 | 0 | 52,434 | 0 | 830 | 644 |
| ..... | ..... | ..... | ..... | ..... | ..... | 1,127 | ..... | 6,282 | ..... | 590 | 645 |
| 280 | ..... | ..... | ..... | ..... | ..... | h501 | ..... | h7,401 | ..... | ..... | 646 |
| 122 | 268 | 133 | ..... | ..... | ..... | 694 | ..... | 18,721 | ..... | 1,863 | 647 |

f Expenditures for evening schools included in columns 7, 8, and 9.

g Expenditure for furniture included in column 2.

h In 1887-88.

i Expenditure for furniture included in column 15.

j Indebtedness of previous year.

k Deficit, \$11,234.

TABLE 19.—Statistics of expenditures of public schools of cities

| City. | Expenditures for the school year 1888-89. | | | | | | | |
|---------------------|-------------------------------------------|-----------------------------------------|------------|---------------------------------------------------|------------------|-----------------------------------|-----------------------|--------------------|
| | Permanent. | | | | | For tuition. | | |
| | Sites, new buildings, and fixtures. | Permanent alterations and improvements. | Furniture. | Libraries, text-books, and educational apparatus. | Total permanent. | Salaries of supervising officers. | Salaries of teachers. | Total for tuition. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| TEXAS—continued. | | | | | | | | |
| 648 San Antonio * | | | | | | \$1,827 | \$47,344 | \$49,171 |
| 649 Sherman | | | | | | 1,500 | 9,292 | 10,792 |
| 650 Waco | \$8,336 | \$317 | \$2,541 | \$42 | \$11,236 | 1,500 | 19,873 | 21,373 |
| UTAH. | | | | | | | | |
| 651 Logan | 606 | 252 | 95 | | | 535 | 3,250 | 3,785 |
| 652 Ogden City | | 660 | 479 | 1,380 | 2,519 | 1,500 | 4,965 | 6,465 |
| 653 Provo City * | 3,273 | 628 | 163 | 147 | 4,210 | 900 | 3,687 | 4,587 |
| 654 Salt Lake City | 6,000 | 1,700 | 2,500 | 1,250 | 11,450 | (28,000) | | 28,000 |
| VERMONT. | | | | | | | | |
| 655 Bennington * | | 126 | | | 126 | 1,200 | 4,572 | 5,772 |
| 656 Brattleboro | | 460 | | 951 | 1,411 | 500 | 9,390 | 9,890 |
| 657 Burlington | | | 225 | 6 | 231 | 800 | 18,867 | 19,667 |
| 658 Rutland | 10,889 | 1,066 | 0 | 1,199 | 13,154 | 400 | 15,917 | 16,317 |
| 659 St. Albans | | | | | | | | |
| 660 St. Johnsbury d | | | | | | (6,199) | | 6,199 |
| VIRGINIA. | | | | | | | | |
| 661 Alexandria | 7,200 | | 1,380 | | 8,580 | 380 | 11,708 | 12,088 |
| 662 Danville | | | | 80 | | 255 | 12,270 | 12,495 |
| 663 Fredericksburgh | | | 334 | 45 | 379 | 200 | 4,457 | 4,657 |
| 664 Lynchburgh * | 6,500 | 774 | 626 | 86 | 7,986 | 2,972 | 22,497 | 25,469 |
| 665 Manchestor | | | | 126 | 126 | 280 | 5,363 | 5,643 |
| 666 Norfolk * | | 515 | | | 515 | 600 | 19,250 | 19,550 |
| 667 Petersburg | 0 | 0 | 0 | 260 | 260 | 1,665 | 18,600 | 20,265 |
| 668 Portsmouth | | | | 40 | 40 | (10,934) | | 10,934 |
| 669 Richmond | 26,595 | 5,026 | 117 | | 31,738 | 22,790 | 90,416 | 112,206 |
| 670 Roanoke | | | | | | 200 | 4,400 | 4,600 |
| 671 Staunton | 0 | 0 | 300 | 140 | 440 | 1,210 | 7,067 | 8,277 |
| 672 Winchester * | 0 | 100 | 91 | 79 | 270 | 460 | 4,334 | 4,794 |
| WASHINGTON. | | | | | | | | |
| 673 Seattle | | | 3,686 | 2,372 | | (28,805) | | 28,805 |
| 674 Spokane Falls | 12,889 | | 2,172 | | 15,061 | 1,200 | 9,941 | 11,141 |
| 675 Tacoma | 16,668 | 1,082 | 514 | 282 | 18,546 | 2,400 | 19,303 | 21,703 |
| 676 Walla Walla | 4,500 | | | 11,693 | | (8,489) | | 8,489 |
| WEST VIRGINIA. | | | | | | | | |
| 677 Charleston | | | | | | | | |
| 678 Grafton | | 50 | | | 50 | 800 | 3,480 | 4,280 |
| 679 Martinsburgh | 0 | 990 | 169 | 0 | 1,159 | 200 | 7,665 | 7,865 |
| 680 Parkersburgh | 10,427 | | 1,511 | 107 | 11,045 | 1,350 | 17,858 | 19,209 |
| 681 Wheeling | 23,631 | 2,681 | 3,541 | 643 | 30,496 | 1,716 | 52,943 | 54,639 |
| WISCONSIN. | | | | | | | | |
| 682 Appleton | 1,925 | | 173 | 1,662 | 3,760 | (22,280) | | 22,280 |
| 683 Baraboo | | | 80 | 357 | 437 | 300 | 8,440 | 8,740 |
| 684 Beaver Dam * | | | | 25 | | (6,300) | | 6,300 |
| 685 Beloit | 0 | 2,720 | | 75 | 2,795 | 200 | 9,710 | 9,910 |
| 686 Berlin | 2,220 | | 294 | 318 | 2,832 | (7,295) | | 7,295 |
| 687 Chippewa Falls | 0 | 1,316 | 161 | 54 | 1,531 | 1,800 | 9,105 | 10,905 |
| 688 Eau Claire | 0 | 1,500 | 91 | 571 | 2,161 | (26,932) | | 26,932 |

* Statistics for 1887-88.

a Deficit, \$5,276.

b Estimated.

TABLE 19.—*Statistics of expenditures of public schools of cities*

| City. | Expenditures for the school year 1888-89. | | | | | | | |
|-------------------------|-------------------------------------------|-----------------------------------------|------------|---------------------------------------------------|------------------|-----------------------------------|-----------------------|--------------------|
| | Permanent. | | | | | For tuition. | | |
| | Sites, new buildings, and fixtures. | Permanent alterations and improvements. | Furniture. | Libraries, text-books, and educational apparatus. | Total permanent. | Salaries of supervising officers. | Salaries of teachers. | Total for tuition. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| WISCONSIN—continued. | | | | | | | | |
| 689 Fond du Lac..... | 0 | 1,200 | 315 | 275 | 1,790 | 400 | 16,968 | 17,368 |
| 690 Fort Howard..... | 0 | 134 | 285 | 100 | 519 | 250 | 6,595 | 6,845 |
| 691 Green Bay..... | | 2,243 | 0 | 100 | 2,343 | 350 | 12,004 | 12,354 |
| 692 Janesville..... | 12,000 | 7,284 | 1,349 | 1,143 | 21,776 | 1,500 | 13,770 | 15,270 |
| 693 Kenosha..... | | 589 | | 224 | 813 | 200 | 6,925 | 7,125 |
| 694 La Crosse..... | | 5,554 | 355 | 1,585 | 7,494 | 3,550 | 40,209 | 43,759 |
| 695 Madison..... | | 3,225 | 575 | 111 | 3,911 | 2,150 | 20,379 | 22,529 |
| 696 Marinette*..... | | | | | | (13,348) | | 13,348 |
| 697 Menasha..... | 958 | | 217 | 160 | 1,335 | (5,365) | | 5,365 |
| 698 Menomonie..... | 2,043 | | 144 | 225 | 2,412 | 200 | 11,133 | 11,333 |
| 699 Merrill*..... | | 243 | | | 243 | (5,393) | | 5,393 |
| 700 Milwaukee..... | | | | 3,089 | 3,089 | 3,780 | 309,645 | 313,426 |
| 701 Monroe..... | 0 | 100 | 34 | 400 | 534 | 1,200 | 5,347 | 6,547 |
| 702 Neenah..... | 13,389 | | 110 | 226 | 13,725 | 200 | 7,625 | 7,825 |
| 703 Oconto..... | 0 | 0 | 15 | 112 | 127 | (7,000) | | 7,000 |
| 704 Oshkosh..... | 15,207 | 625 | 130 | 1,004 | 16,966 | 600 | 29,443 | 30,043 |
| 705 Portage..... | | 519 | | 48 | 567 | 300 | 7,915 | 8,215 |
| 706 Racine..... | 2,452 | 1,880 | 1,001 | 190 | 5,523 | 1,200 | 29,902 | 31,102 |
| 707 Sheboygan..... | 0 | 5,930 | 1,104 | 87 | 7,121 | 500 | 16,320 | 16,820 |
| 708 Stevens' Point..... | | 3,000 | 250 | | 3,250 | 1,600 | 8,284 | 9,834 |
| 709 Watertown*..... | 0 | 716 | 0 | 128 | 844 | 1,600 | 10,658 | 11,258 |
| 710 Waukesha..... | | | 419 | 230 | 649 | | 7,980 | 7,980 |
| 711 Wausau..... | 799 | | | | 799 | (9,883) | | 9,883 |
| 712 White Water..... | | 1,425 | 300 | 400 | 2,125 | 100 | 8,200 | 8,300 |
| WYOMING. | | | | | | | | |
| 713 Cheyenne..... | | 1,063 | 74 | 150 | | | 18,914 | |

* Statistics of 1887-88.

and villages containing over 4,000 inhabitants—Continued.

| Expenditures for the school year 1888-89. | | | | | | | | | Paid on principal of loans and bonded debts. | Amount carried forward to next school year (1889-90). |
|---------------------------------------------|-----------------|------------------------|---------------------------|-------------------|-----------------------------|-------------------|----------------------|---------------------|----------------------------------------------|-------------------------------------------------------|
| Incidental. | | | | | | | For evening schools. | Total expenditures. | | |
| Pay of school board, clerks, janitors, etc. | Fuel and light. | Stationery for pupils. | Interest on indebtedness. | Ordinary repairs. | All other current expenses. | Total incidental. | | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 1,865 | 2,200 | 350 | ..... | 2,788 | 970 | 8,173 | 0 | 27,331 | 0 | 5,448 |
| 540 | 400 | 10 | 0 | 25 | 446 | 1,421 | 0 | 8,785 | 0 | 1,492 |
| 996 | 148 | 8 | 51 | 143 | 440 | 1,786 | ..... | 16,483 | 2,000 | 448 |
| 2,423 | 1,815 | ..... | ..... | 510 | 632 | 5,381 | ..... | a 41,409 | ..... | 9,763 |
| 726 | 474 | ..... | 0 | ..... | 540 | 1,740 | 0 | 9,678 | 0 | 4,608 |
| 4,297 | 2,208 | 1,385 | 0 | 1,243 | 1,668 | 10,801 | ..... | 62,654 | ..... | 27,606 |
| 2,068 | 3,492 | ..... | 81 | 3,579 | 0 | 9,220 | 0 | 35,660 | 0 | 6,153 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 19,468 | ..... | 2,912 |
| 315 | 400 | ..... | ..... | 427 | 340 | 1,432 | 0 | 8,182 | 0 | 3,007 |
| ..... | ..... | ..... | ..... | ..... | 4,228 | 4,228 | 0 | 17,973 | 0 | 12,106 |
| ..... | ..... | ..... | ..... | ..... | ..... | 1,500 | ..... | 7,136 | ..... | 4,745 |
| 25,927 | 39,755 | 5,866 | ..... | ..... | 11,251 | 82,799 | 9,698 | 409,012 | 0 | 164,020 |
| 737 | 363 | 0 | 0 | (957) | ..... | 2,057 | 0 | 9,138 | 0 | 939 |
| 792 | 731 | ..... | 410 | 325 | 759 | 3,017 | 0 | 24,567 | 3,000 | 9,302 |
| 480 | ..... | ..... | ..... | 25 | ..... | 600 | 0 | 7,727 | 0 | 2,502 |
| 2,670 | 3,582 | 82 | ..... | 701 | 1,016 | 7,951 | ..... | ..... | ..... | 704 |
| 523 | 531 | ..... | ..... | 60 | 752 | 1,806 | ..... | 10,648 | ..... | 787 |
| ..... | 2,252 | ..... | ..... | ..... | 2,815 | 5,067 | 0 | 41,692 | 0 | 8,565 |
| ..... | ..... | ..... | ..... | ..... | ..... | 5,574 | 0 | 29,515 | 0 | 21,187 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 19,300 | ..... | 6,531 |
| ..... | ..... | ..... | ..... | ..... | ..... | 2,902 | ..... | 15,004 | 0 | 11,788 |
| 931 | 889 | ..... | 1,270 | ..... | 993 | 4,083 | 0 | 12,712 | 2,500 | 1,321 |
| ..... | ..... | 382 | ..... | ..... | 1,961 | 2,343 | ..... | 13,025 | ..... | 7,391 |
| 700 | 800 | 200 | ..... | ..... | ..... | 1,700 | ..... | 12,125 | ..... | 3,961 |
| 1,385 | 706 | 88 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 713 |

a The sum of the items exceeds the reported total by \$1,013.

TABLE 20. — Comparative statistics for 1888-89 of enrollment, attendance, teachers, and accommodations in schools of cities and villages containing over 4,000 inhabitants.

| City. | Ratio of total public and private school enrollment to population 6-14. | Ratio of public-school enrollment to population 6-14. | Ratio of private-school enrollment to total public and private school enrollment. | Ratio of average daily attendance in public day-schools to— | | Average number of days' attendance of each pupil enrolled. | Total attendance is equivalent to population 6-14 for— Days. | Number of pupils in average daily attendance to each teacher. | Proportion of males in entire supervising and teaching force. | Population 6-14. | | Number of seats or sittings for study to each 100 of— | | Average number of sittings to a building. | High schools. | | |
|----------------|-------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------|---------|------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|------------------|---------|-------------------------------------------------------|---------------------------|-------------------------------------------|--------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------|
| | | | | Population 6-14. | Per ct. | | | | | Per ct. | Per ct. | Population 6-14. | Average daily attendance. | | Ratio of enrollment to total public school enrollment. | Proportion of graduates to total public-school enrollment. | Ratio of average daily attendance to enrollment. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| ALABAMA. | | | | | | | | | | | | | | | | | |
| 1 Birmingham | 51.4 | 42.9 | 14.8 | 21.5 | 57.0 | 101.5 | 43.6 | 32.8 | 28.5 | 30.3 | 123.6 | 289.3 | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. |
| 2 Eufaula | 79.9 | 42.8 | 46.4 | 27.6 | 64.5 | 114.1 | 48.8 | 44.6 | 40.0 | 37.1 | 134.5 | 130.0 | 3.0 | 0.4 | 70.1 | 70.1 | 70.1 |
| 3 Huntsville | 41.5 | 41.5 | 28.6 | 32.6 | 73.3 | 117.4 | 52.2 | 29.1 | 17.6 | 58.1 | 245.1 | 250.0 | 28.6 | ..... | ..... | ..... | ..... |
| 4 Lively | 40.7 | 29.0 | 28.6 | 31.1 | 81.6 | 97.9 | 28.4 | 60.0 | 28.6 | 62.8 | 136.4 | 306.4 | 11.4 | ..... | ..... | ..... | ..... |
| 5 Mobile | ..... | ..... | ..... | ..... | ..... | ..... | 90.0 | 60.0 | 11.4 | 40.9 | ..... | 430.5 | 7.4 | ..... | ..... | ..... | ..... |
| 6 Montgomery | ..... | 62.9 | ..... | 38.3 | 70.8 | 120.4 | 65.1 | 33.2 | 21.1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 7 Selma | ..... | 54.1 | 28.6 | 34.3 | 65.0 | 101.6 | 54.8 | 31.5 | 33.3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 8 Tuscaloosa | 68.1 | 43.6 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 9 Tucson | ..... | ..... | 22.1 | ..... | 54.0 | 97.0 | ..... | 25.9 | 9.1 | ..... | 245.6 | 233.3 | 4.0 | ..... | ..... | ..... | ..... |
| ARIZONA. | | | | | | | | | | | | | | | | | |
| ARKANSAS. | | | | | | | | | | | | | | | | | |
| 10 Fort Smith | 144.0 | 114.9 | 20.2 | 66.5 | 57.9 | 98.7 | 111.1 | 40.8 | 26.7 | 119.9 | 180.2 | 412.0 | 5.1 | ..... | ..... | ..... | 80.0 |
| 11 Helena | 64.5 | 50.1 | 22.4 | 27.6 | 55.1 | 92.0 | 46.1 | 35.1 | 25.0 | 46.2 | 167.3 | 160.0 | 5.2 | ..... | ..... | ..... | 74.1 |
| 12 Little Rock | 88.9 | 76.4 | 14.1 | 48.9 | 64.0 | 114.3 | 87.2 | 46.0 | 11.1 | 50.5 | 103.4 | 180.0 | 4.7 | 0.5 | ..... | ..... | 88.8 |
| 13 Pine Bluff | 142.9 | 110.5 | 22.7 | 98.2 | 54.5 | 108.5 | 108.5 | 46.4 | 15.0 | 129.7 | 214.4 | 500.0 | ..... | ..... | ..... | ..... | ..... |
| 14 Texarkana | 104.8 | 100.4 | 4.2 | 87.9 | 89.6 | 143.3 | 143.9 | 41.9 | 26.7 | 114.6 | 127.4 | 266.7 | 0.0 | ..... | ..... | ..... | ..... |
| CALIFORNIA. | | | | | | | | | | | | | | | | | |
| 15 Chico | 137.2 | 129.8 | 5.4 | 92.4 | 71.2 | 128.2 | 166.3 | 46.1 | 26.7 | 150.4 | 162.7 | 350.0 | ..... | ..... | ..... | ..... | ..... |
| 16 Eureka | 150.7 | 134.3 | 10.8 | 95.3 | 70.9 | 127.2 | 170.5 | 43.8 | 20.0 | 114.1 | 119.7 | 87.5 | ..... | ..... | ..... | ..... | ..... |
| 17 Los Angeles | 165.2 | 130.0 | 15.8 | 98.6 | 70.9 | 130.5 | 167.6 | 38.2 | 7.1 | 90.2 | 91.5 | 210.8 | 2.3 | 0.3 | ..... | ..... | 92.6 |
| 18 Marysville | 101.3 | 63.8 | 35.6 | 54.7 | 83.8 | 139.8 | 91.3 | 34.0 | 27.3 | 88.4 | 161.8 | 275.0 | 8.4 | 0.7 | ..... | ..... | ..... |
| 19 Oakland | 131.5 | 105.6 | 19.7 | 78.9 | 74.7 | 142.6 | 150.7 | 41.0 | ..... | ..... | ..... | ..... | 6.5 | 1.3 | ..... | ..... | 87.3 |

| | | | | | | | | | | | | | | | |
|----|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 20 | Pasadena | 123.7 | 103.3 | 19.8 | 91.2 | 88.3 | 150.1 | 155.0 | 32.6 | 16.2 | 136.6 | 149.8 | 268.7 | 7.3 | 91.0 |
| 21 | Riverside | 127.6 | 101.3 | 18.5 | 66.1 | 65.4 | 139.4 | 141.0 | 34.1 | 13.3 | 94.8 | 143.5 | 307.7 | 4.1 | 63.4 |
| 22 | Sacramento | 127.3 | 101.3 | 17.3 | 76.2 | 77.4 | 148.1 | 142.6 | 32.8 | 4.4 | 94.5 | 146.9 | 519.5 | 2.6 | 81.7 |
| 23 | San Francisco | 122.2 | 100.3 | 18.0 | 68.1 | 67.9 | 135.9 | 136.3 | 40.2 | 7.7 | 80.9 | 118.7 | 593.8 | 5.1 | 81.4 |
| 24 | San Jose | 154.2 | 127.7 | 17.2 | 90.3 | 70.7 | 132.8 | 103.6 | 39.0 | 16.4 | 118.6 | 134.4 | 250.0 | 4.5 | 78.3 |
| 25 | Santa Cruz | 134.1 | 108.1 | 14.4 | 90.3 | 61.2 | 120.1 | 103.6 | 38.1 | 13.0 | 124.3 | 131.7 | 316.7 | 5.9 | 83.8 |
| 26 | Santa Rosa | 134.1 | 108.1 | 14.4 | 90.3 | 61.2 | 120.1 | 103.6 | 38.1 | 13.0 | 124.3 | 131.7 | 316.7 | 5.9 | 83.8 |
| 27 | Vallejo | 125.7 | 107.5 | 14.5 | 81.3 | 56.3 | 140.7 | 131.9 | 49.8 | 21.1 | 81.8 | 100.4 | 186.7 | 6.3 | 97.1 |
| 28 | Woodland | 270.4 | 252.7 | 6.5 | 137.3 | 54.3 | 91.8 | 232.0 | 39.0 | 9.1 | 176.0 | 128.2 | 250.0 | 4.0 | 93.3 |
| 29 | Aspen | 129.5 | 124.7 | 3.7 | 81.5 | 66.6 | 120.8 | 130.7 | 35.7 | 16.0 | 95.1 | 116.5 | 250.0 | 5.0 | 72.7 |
| 30 | Colorado Springs | 159.9 | 115.7 | 27.7 | 73.4 | 63.5 | 99.1 | 114.6 | 43.6 | ..... | 88.6 | 120.8 | 450.0 | 1.9 | 70.8 |
| 31 | Denver (Dist. No. 1) ..... | ..... | ..... | ..... | ..... | 48.9 | 89.5 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 32 | Leadville ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 33 | Pueblo (Dist. No. 1) ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 34 | Bridgeport ..... | ..... | 104.8 | ..... | 74.7 | 71.3 | 172.0 | ..... | 40.0 | 5.1 | 96.3 | 128.9 | 386.7 | 3.6 | 82.9 |
| 35 | Bristol ..... | ..... | ..... | 0 | ..... | 89.6 | ..... | ..... | 32.8 | 9.1 | 109.9 | 130.3 | 116.7 | 8.3 | 92.0 |
| 36 | Hartford ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 37 | Meriden | 145.0 | 112.9 | 22.3 | 71.8 | 63.6 | 125.9 | 142.1 | 31.0 | 11.6 | 101.2 | 143.8 | 350.0 | 6.1 | 65.9 |
| 38 | Middletown | 136.3 | 91.9 | 91.9 | 70.3 | 76.4 | 136.5 | 106.2 | 34.8 | 12.9 | 83.5 | 145.7 | 227.5 | 8.3 | ..... |
| 39 | New Britain | 138.0 | 77.8 | 43.1 | 57.4 | 73.8 | 144.8 | 173.8 | 34.5 | 8.9 | 103.3 | 116.5 | 319.6 | 8.3 | ..... |
| 40 | New Haven | 141.2 | 134.9 | 4.4 | 93.7 | 69.5 | ..... | ..... | 35.0 | 6.6 | ..... | ..... | ..... | 4.7 | 84.2 |
| 41 | New London | 153.1 | 113.4 | 25.9 | 86.4 | 76.2 | 147.8 | 137.6 | 27.2 | 12.1 | 120.6 | 139.7 | 202.5 | 4.5 | 84.5 |
| 42 | Norwich | 179.2 | 145.5 | 18.8 | 79.3 | 54.5 | 98.2 | 142.9 | 34.8 | 10.7 | 121.9 | 154.0 | 166.7 | ..... | ..... |
| 43 | Rockville | 135.1 | 106.7 | 21.6 | 67.6 | 63.3 | 126.0 | 134.5 | 32.5 | 5.0 | ..... | 116.8 | 406.0 | 8.6 | 87.6 |
| 44 | South Norwalk ..... | ..... | ..... | 4.7 | 61.2 | 76.0 | 136.7 | 110.2 | 33.9 | 7.7 | ..... | ..... | ..... | 5.3 | 92.8 |
| 45 | Stamford | 76.7 | 43.7 | 43.1 | 23.2 | 64.6 | 129.1 | 56.4 | 28.3 | 5.6 | ..... | ..... | ..... | 12.2 | 77.8 |
| 46 | Thompsonville ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 13.2 | 96.2 |
| 47 | Williamsville ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 48 | Deadwood | 138.6 | 130.7 | 11.1 | ..... | 87.5 | 175.0 | ..... | ..... | ..... | ..... | 85.7 | 150.0 | 12.5 | 96.0 |
| 49 | Fargo | 115.6 | 88.8 | 23.2 | 49.2 | 55.4 | 98.9 | 86.9 | 30.5 | 4.3 | 135.9 | ..... | 242.0 | 5.6 | 81.5 |
| 50 | Grand Forks | 138.8 | 124.5 | 10.3 | 75.5 | 60.6 | 106.7 | 132.6 | 30.3 | 12.5 | 67.8 | 138.0 | 316.0 | 6.3 | 78.8 |
| 51 | Sioux Falls ..... | ..... | ..... | ..... | ..... | 73.7 | 122.4 | ..... | 37.9 | 3.7 | ..... | ..... | ..... | 6.6 | 77.9 |
| 52 | Yankton ..... | ..... | ..... | 13.0 | ..... | ..... | ..... | ..... | ..... | 7.1 | ..... | 121.7 | 200.0 | 4.8 | ..... |
| 53 | New Castle | 112.3 | 104.8 | 6.6 | 66.1 | 63.0 | 126.3 | 132.5 | 39.4 | 11.1 | 85.6 | 129.6 | 153.3 | 7.8 | 79.5 |
| 54 | Wilmington ..... | ..... | ..... | ..... | ..... | 63.3 | 135.1 | ..... | 37.1 | 1.2 | ..... | 127.6 | 318.1 | 2.8 | 82.1 |
| 55 | Washington (white schools prin- | 117.6 | 104.4 | 11.2 | 80.7 | 77.4 | 140.8 | 146.9 | 39.8 | 14.1 | 101.4 | 125.7 | 327.4 | 5.1 | 84.6 |
| 56 | Washington (colored schools) | 90.4 | 86.7 | 4.1 | 66.8 | 77.0 | 136.6 | 118.3 | 42.6 | 11.1 | 61.1 | 91.5 | 374.5 | 3.7 | 74.8 |

* This report covers the five central school districts only.

* Statistics of 1887-88.

TABLE 20. — Comparative statistics for 1888-89 of enrollment, attendance, teachers, and accommodations in schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | 1 | Ratio of total public and private school enrollment to population 6-14. | | Ratio of private-school enrollment to population 6-14. | | Ratio of average daily attendance in public day-schools to— | | Average number of days' attendance of each pupil enrolled. | Total attendance of entire population 6-14 for— | Number of pupils in average daily attendance to each teacher. | Proportion of males in entire supervising and teaching force. | Number of seats or sittings for study to each 100 of— | | Average number of sittings to a building. | Ratio of enrollment to total public-school enrollment. | | | High schools. | | |
|---------------------|-----------|-------------------------------------------------------------------------|---------|--------------------------------------------------------|---------|-------------------------------------------------------------|-------------|------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------|---------------------------|-------------------------------------------|--------------------------------------------------------|---------|---------|------------------------------------------------------------|---------|---------|
| | | Per ct. | Per ct. | Per ct. | Per ct. | Population 6-14. | Enrollment. | | | | | Population 6-14. | Average daily attendance. | | Per ct. | Per ct. | Per ct. | Proportion of graduates to total public-school enrollment. | Per ct. | Per ct. |
| 57 Palatka..... | FLORIDA. | 110.2 | 108.1 | 1.9 | 94.1 | 87.0 | 165.3 | 178.7 | 52.5 | 35.1 | 23.5 | 89.1 | 94.7 | 422.5 | 6.2 | 0.9 | ..... | ..... | ..... | ..... |
| 58 Pensacola..... | ..... | 87.8 | 76.3 | 13.2 | 48.8 | 63.9 | 113.9 | 86.9 | 35.1 | ..... | ..... | 57.9 | 118.7 | 250.0 | ..... | ..... | ..... | ..... | ..... | ..... |
| 59 Tampa..... | ..... | 98.1 | 81.7 | 16.5 | 60.6 | 74.0 | 122.9 | 100.7 | 43.6 | 32.0 | 33.3 | 92.7 | 132.8 | 177.8 | 5.5 | 0.9 | ..... | ..... | ..... | ..... |
| 60 Americus..... | GEORGIA. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 61 Athens..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 62 Atlanta..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 63 Augusta..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 64 Columbus..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 65 Griffin*..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 66 Macon..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 67 Rome*..... | ..... | 81.5 | 54.4 | 33.3 | 43.6 | 80.1 | 149.0 | 81.1 | 37.6 | 31.8 | 14.3 | 48.2 | 110.2 | 200.0 | 12.5 | 1.9 | ..... | ..... | ..... | ..... |
| 68 Savannah..... | ..... | ..... | 69.1 | 14.5 | 57.2 | 82.7 | 149.8 | ..... | 45.3 | ..... | 24.8 | ..... | 102.2 | 625.0 | 4.0 | 0.6 | ..... | ..... | ..... | ..... |
| 69 Boise City..... | IDAHO. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 9.1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 70 Aurora*..... | ILLINOIS. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 71 Beardstown..... | ..... | 124.7 | 100.2 | 19.6 | 72.6 | 72.5 | 139.9 | 140.2 | 35.5 | 8.3 | 8.3 | 91.5 | 126.0 | 353.3 | 4.8 | ..... | ..... | ..... | ..... | ..... |
| 72 Belleville..... | ..... | 118.9 | 102.2 | 14.0 | 91.8 | 89.8 | 170.6 | 174.4 | 44.0 | 18.8 | 18.8 | 100.1 | 109.1 | 180.0 | 5.2 | 1.5 | ..... | ..... | ..... | ..... |
| 73 Belvidere..... | ..... | 113.0 | 86.7 | 23.5 | 73.2 | 84.5 | 166.4 | 144.4 | 42.0 | 32.7 | 32.7 | 88.8 | 121.3 | 416.6 | ..... | ..... | ..... | ..... | ..... | ..... |
| 74 Bloomington..... | ..... | 119.2 | 110.0 | 7.7 | 68.3 | 76.8 | 135.3 | 120.2 | 33.8 | 15.8 | 15.8 | 77.0 | 112.8 | 263.6 | 14.1 | 1.0 | ..... | ..... | ..... | ..... |
| 75 Bradwood..... | ..... | ..... | 88.8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2.6 | ..... | ..... | ..... | 4.8 | 0.7 | ..... | ..... | ..... | ..... |

| | | | | | | | | | | | | | | | | |
|----------|----------------------------|-------|-------|------|-------|------|-------|-------|------|------|-------|-------|-------|------|-----|------|
| 76 | Cairo..... | 101.5 | 75.3 | 25.8 | 64.8 | 86.1 | 139.3 | 105.0 | 48.1 | 7.1 | 65.8 | 101.6 | 164.7 | 4.3 | 0.7 | 81.5 |
| 77 | Canton..... | 97.1 | 97.1 | 0 | 70.1 | 72.1 | 129.8 | 126.2 | 29.4 | 7.4 | 109.8 | 156.7 | 200.0 | 4.0 | 0.6 | 83.7 |
| 78 | Carlinville..... | 147.2 | 100.3 | 25.0 | 102.1 | 92.6 | 167.7 | 184.9 | 56.8 | 25.0 | 114.4 | 112.0 | 700.0 | 9.6 | 1.8 | 87.5 |
| 79 | Centralia..... | 110.3 | 104.5 | 3.2 | 78.7 | 77.3 | 123.5 | 129.1 | 42.3 | 15.8 | 98.1 | 118.3 | 225.0 | 7.4 | 0.2 | 88.3 |
| 80 | Champaign (west side)..... | 139.1 | 139.1 | | 123.0 | 77.3 | | | 39.9 | 6.2 | | | | 14.2 | | |
| 81 | Chicago..... | 84.3 | 84.3 | 34.9 | 62.6 | 74.3 | 146.0 | 123.1 | 42.6 | 5.4 | 74.7 | 119.2 | 890.0 | 2.7 | 0.3 | 83.9 |
| 82 | Danville..... | 103.1 | 103.1 | | 74.0 | 72.1 | 141.7 | 146.2 | 36.9 | 14.6 | 112.9 | 152.6 | 385.7 | 4.7 | | 72.6 |
| 83 | Decatur..... | 128.0 | 112.7 | 12.0 | 86.8 | 77.0 | 138.7 | 156.3 | 49.1 | 12.8 | 101.7 | 117.8 | 331.2 | 9.7 | 1.1 | 82.9 |
| 84 | Edinburgh*..... | 105.4 | 65.1 | 38.3 | 51.8 | 79.5 | 159.3 | 103.7 | 56.3 | 37.5 | 57.6 | 111.1 | 250.0 | 8.0 | | 77.8 |
| 85 | Elgin*..... | 108.4 | 108.4 | 22.8 | 81.6 | 75.3 | 143.0 | 155.0 | 36.3 | 6.5 | 101.2 | 125.4 | 190.1 | 5.9 | | 84.6 |
| 86 | Evanston..... | 186.9 | 155.3 | 16.9 | 121.5 | 78.2 | 149.4 | 232.0 | 35.0 | 8.7 | 158.0 | 130.1 | 333.3 | | | |
| 87 | Freeport..... | 117.2 | 88.7 | 24.4 | 68.0 | 76.7 | 150.2 | 133.2 | 34.3 | 10.8 | 99.1 | 145.7 | 390.0 | 8.8 | 1.2 | 79.6 |
| 88 | Galesburg..... | 119.1 | 80.7 | 32.1 | 56.2 | 69.6 | 135.1 | 108.8 | 32.3 | 14.3 | 87.1 | 154.8 | 250.0 | 9.9 | 1.7 | 75.0 |
| 89 | Galesburg..... | 19.0 | | | | | | | | | | | | 6.6 | 1.3 | 85.8 |
| 90 | Geneese..... | | | 23.3 | | 73.3 | 127.6 | | 34.8 | 12.2 | | 134.3 | 168.8 | 8.4 | | 78.2 |
| 91 | Jacksonville..... | 79.0 | 79.0 | | 72.8 | 92.1 | 142.5 | 104.3 | 37.7 | 5.0 | 77.8 | 106.9 | 231.4 | 8.2 | | 97.2 |
| 92 | Joliet..... | 94.3 | 73.2 | 22.3 | 53.0 | 72.4 | 129.7 | 100.2 | 35.8 | 6.6 | 60.8 | 114.9 | 288.9 | 5.7 | 0.5 | 78.9 |
| 93 | Kankakee..... | 110.3 | 77.2 | 30.0 | 52.1 | 67.5 | 129.7 | 107.5 | 34.9 | 4.5 | 79.3 | 152.3 | 340.0 | 5.1 | 0.6 | 75.0 |
| 94 | La Salle*..... | 61.0 | 34.9 | 42.7 | 98.8 | 82.3 | 164.6 | 57.5 | 43.4 | 19.0 | 45.1 | 157.0 | 230.0 | 7.4 | | 73.8 |
| 95 | Lincoln..... | 72.6 | 72.6 | | 63.2 | 87.1 | 168.1 | 122.0 | 48.8 | 16.7 | 67.8 | 107.3 | 366.7 | 6.3 | | 90.6 |
| 96 | Litchfield..... | 127.8 | 108.7 | 14.9 | 73.1 | 67.3 | 114.1 | 124.0 | 42.4 | 10.0 | 103.0 | 149.1 | 400.0 | 9.5 | 1.5 | 62.8 |
| 97 | Mendota..... | 194.4 | 168.4 | 14.6 | 105.9 | 73.3 | 119.9 | 139.5 | 38.5 | 13.0 | 69.8 | 64.4 | 593.0 | 7.4 | 1.2 | 75.5 |
| 98 | Moline..... | 128.2 | 107.3 | 16.4 | 78.7 | 73.3 | 129.1 | 133.4 | 37.5 | 9.3 | 98.5 | 125.3 | 313.3 | 4.1 | 0.4 | 76.5 |
| 99 | Monmouth*..... | 137.5 | 137.5 | 0 | 124.9 | 92.9 | 142.6 | 196.2 | 47.7 | | | | | | | |
| 100 | Omey..... | 147.5 | 144.8 | 1.8 | 105.6 | 72.9 | 130.6 | 189.1 | 50.7 | 17.6 | 120.9 | 111.9 | 275.0 | | | |
| 101 | Ottawa..... | 103.0 | 97.7 | 14.8 | 98.2 | 77.7 | 147.3 | 129.3 | 39.9 | 12.1 | 82.7 | 121.0 | 250.0 | 6.5 | 0.9 | 80.0 |
| 102 | Paris..... | 102.3 | 102.3 | 5.4 | | 67.5 | 122.7 | | 35.2 | 4.8 | | 134.9 | 316.7 | 9.9 | 0.8 | 77.1 |
| 103 | Pekin*..... | 53.4 | 53.4 | | 42.1 | 78.8 | 137.9 | 73.7 | 39.6 | 13.0 | 48.6 | 115.3 | 210.0 | 4.2 | | 95.4 |
| 104 | Peoria..... | 120.3 | 99.1 | 17.6 | 70.1 | 70.8 | 138.6 | 137.7 | 38.4 | 7.8 | 89.1 | 127.2 | 214.0 | 5.6 | 0.6 | 81.6 |
| 105 | Peoria..... | 105 | | | | | | | | | | | | 9.3 | | |
| 106 | Pullman*..... | | | 0 | | 61.5 | 119.7 | | 38.1 | 0 | | 137.5 | 275.0 | | | |
| 107 | Quincy..... | 109.7 | 70.5 | 35.7 | 52.8 | 74.9 | 145.9 | 102.9 | 47.0 | 8.9 | 58.5 | 110.8 | 372.3 | 4.0 | 0.6 | 84.2 |
| 108 | Rock Island..... | | 108 | | 75.7 | 79.8 | 140.6 | 133.2 | 36.4 | 12.0 | 88.9 | 117.2 | 256.2 | 6.3 | 0.9 | 84.2 |
| 109 | Rockford..... | 104.7 | 92.6 | 11.3 | 65.8 | 71.0 | 137.7 | 127.6 | 31.2 | 6.1 | 82.2 | 125.0 | 240.5 | 6.2 | 0.7 | 85.8 |
| 110 | Springfield..... | 148.2 | 110 | 25.7 | 104.1 | 77.0 | 154.1 | 126.8 | 33.0 | 10.8 | 78.0 | 123.5 | 275.0 | 7.6 | 1.4 | 91.3 |
| 111 | Sterling..... | 145.2 | 137.6 | 7.2 | 112.6 | 81.8 | 151.7 | 208.8 | 35.4 | 18.8 | 148.6 | 131.7 | 350.0 | 8.1 | 1.7 | 92.5 |
| 112 | Streator..... | 96.5 | 83.5 | 13.5 | 60.8 | 72.9 | 141.6 | 118.2 | 42.2 | 4.5 | 82.1 | 135.0 | 272.2 | | | |
| INDIANA. | | | | | | | | | | | | | | | | |
| 113 | Anderson..... | 127.3 | 108.9 | 14.4 | 79.8 | 73.3 | 131.9 | 143.7 | 40.8 | 29.4 | 122.4 | 153.4 | 250.0 | 9.5 | 1.1 | 80.0 |
| 114 | Aurora..... | 127.0 | 83.3 | 34.8 | 74.9 | 90.0 | 162.0 | 131.9 | | | 88.8 | 118.5 | 400.0 | | 0.8 | |
| 115 | Brazil..... | 125.1 | 115.7 | 7.4 | 75.7 | 65.4 | 117.8 | 136.3 | 47.7 | 38.8 | 98.1 | 123.6 | 92.5 | 4.4 | 1.1 | 78.2 |
| 116 | Columbus..... | 137.6 | 112.7 | 18.1 | | | | | | | 116.2 | | 349.0 | 9.9 | 1.7 | |
| 117 | Crawfordsville*..... | | 98.3 | | 70.7 | 74.2 | 133.6 | 127.3 | 36.2 | 19.2 | 88.9 | 125.8 | 386.0 | 6.1 | | 83.1 |
| 118 | Elkhart..... | 132.5 | 118.4 | 10.6 | 92.6 | 78.1 | 148.5 | 173.9 | 35.7 | 12.5 | 121.2 | 150.7 | 268.7 | 3.5 | 0.3 | 82.2 |
| 119 | Evansville..... | 181.0 | 69.5 | 17.0 | 53.7 | 77.4 | 149.0 | 103.5 | 26.9 | 13.1 | 75.6 | 140.6 | 388.9 | 4.7 | 0.3 | 83.3 |
| 120 | Fort Wayne..... | 135.0 | 73.2 | 47.1 | 54.1 | 73.9 | 141.1 | 105.5 | 31.5 | 5.7 | 76.1 | 140.6 | 333.1 | 6.4 | 0.5 | 80.5 |
| 121 | Frankfort..... | 124.3 | 124.3 | | 89.4 | 71.9 | | | 42.7 | 22.7 | | | | 8.7 | | |
| 122 | Goshen..... | 131.8 | 121.8 | 7.5 | 91.3 | 75.0 | 131.8 | 159.9 | 35.4 | 11.5 | 129.1 | 141.3 | 325.0 | 8.1 | 0.9 | 65.0 |
| 123 | Greencastle..... | | | 20.8 | | 75.5 | 132.8 | | 30.8 | 9.5 | | 139.2 | 225.0 | 1.3 | 1.3 | 87.3 |
| 124 | Indianapolis..... | | 91.5 | | 46.4 | 51.9 | 95.5 | 87.5 | 40.3 | 6.1 | 49.8 | 100.2 | 416.0 | 4.3 | 0.4 | 72.3 |

*Statistics of 1887-88.

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TABLE 20.—Comparative statistics for 1888-89 of enrollment, attendance, teachers, and accommodations in schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | 1 | 2 | | 3 | 4 | 5 | | 6 | 7 | | 8 | 9 | 10 | Number of seats or sittings for study to each 100 of— | | | High schools. | | | | | |
|-------------------------|-------|-------------------------------------------------------------------------|---------|-------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|-------------|------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------|------------------|---------------------------|-------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------|-------|------|-------|-------|-------|
| | | Ratio of total public and private school enrollment to population 6-14. | | Ratio of public-school enrollment to population 6-14. | Ratio of private-school enrollment to total public and private school enrollment. | Population 6-14. | Enrollment. | Average number of days' attendance of each pupil enrolled. | Total attendance of entire population 6-14 for— | Number of pupils in average daily attendance to each teacher. | Proportion of males in entire-schooling and teaching force. | Population 6-14. | Average daily attendance. | Average number of sittings to a building. | Ratio of enrollment to total public-school enrollment. | Proportion of graduates to total public-school enrollment. | Ratio of average daily attendance to enrollment. | | | | | |
| | | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Days. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | | | | | |
| KENTUCKY—continued. | | | | | | | | | | | | | | | | | | | | | | |
| 194 Newport | 104.3 | 61.1 | 20.8 | 61.1 | 20.8 | 0. | 3.3 | 90.3 | 86.6 | 155.9 | 137.2 | 96.1 | 45.3 | 12.9 | 62.5 | 130.1 | 550.0 | 550.0 | 6.1 | 0.8 | 81.7 | 81.7 |
| 195 Owensboro, Ky. | 154.2 | 98.8 | 38.5 | 98.8 | 38.5 | 6.1 | 38.2 | 71.0 | 75.7 | 106.2 | 137.2 | 128.7 | 37.2 | 14.3 | 88.4 | 121.5 | 312.5 | 312.5 | 5.3 | 1.3 | 78.8 | 78.8 |
| 196 Paducah | 131.4 | 62.4 | 37.3 | 62.4 | 37.3 | 6.1 | 38.2 | 71.0 | 75.7 | 106.2 | 137.2 | 128.7 | 37.2 | 14.3 | 88.4 | 121.5 | 299.5 | 299.5 | 5.6 | 0.7 | 51.7 | 51.7 |
| 197 Paris | 173.5 | 145.6 | 173.5 | 145.6 | 173.5 | 173.5 | 173.5 | 122.9 | 84.5 | 172.3 | 109.2 | 36.8 | 38.8 | 16.7 | 31.3 | 128.7 | 300.0 | 300.0 | 8.9 | 0.3 | 51.7 | 51.7 |
| LOUISIANA. | | | | | | | | | | | | | | | | | | | | | | |
| 198 New Orleans* | 82.2 | 49.4 | 39.9 | 49.4 | 39.9 | 61.4 | 111.8 | 30.4 | 61.4 | 111.8 | 55.3 | 38.8 | 38.8 | 16.2 | 36.6 | 120.5 | 372.5 | 372.5 | 1.5 | ..... | ..... | ..... |
| MAINE. | | | | | | | | | | | | | | | | | | | | | | |
| 199 Auburn* | 104.3 | 104.3 | 0. | 104.3 | 0. | 90.3 | 86.6 | 90.3 | 86.6 | 155.9 | 137.2 | 96.1 | 45.3 | 12.3 | 121.6 | 134.6 | 57.5 | 57.5 | 10.3 | ..... | ..... | ..... |
| 200 Augusta | 154.2 | 149.1 | 3.3 | 149.1 | 3.3 | 91.1 | 63.1 | 91.1 | 63.1 | 106.2 | 137.2 | 128.7 | 37.2 | ..... | 150.0 | 159.4 | 67.6 | 67.6 | 7.4 | 0.3 | 98.8 | 98.8 |
| 201 Bangor | 131.4 | 119.5 | 9.0 | 119.5 | 9.0 | 99.3 | 82.5 | 99.3 | 82.5 | 144.7 | 172.8 | 250.8 | 40.5 | ..... | ..... | ..... | ..... | ..... | 9.5 | 1.2 | 95.5 | 95.5 |
| 202 Bath* | 173.5 | 173.5 | 173.5 | 173.5 | 173.5 | 173.5 | 173.5 | 122.9 | 84.5 | 172.3 | 109.2 | 36.8 | 40.5 | 8.1 | ..... | ..... | ..... | ..... | 12.8 | ..... | 93.4 | 93.4 |
| 203 Belfast* | 125.6 | 96.6 | 23.1 | 96.6 | 23.1 | 62.4 | 64.8 | 62.4 | 64.8 | 128.3 | 109.2 | 36.8 | 28.1 | ..... | 98.4 | 149.4 | 96.5 | 96.5 | 4.9 | 0.9 | 90.0 | 90.0 |
| 204 Biddeford | 141.6 | 128.6 | 9.1 | 128.6 | 9.1 | 91.4 | 73.3 | 91.4 | 73.3 | 128.3 | 109.2 | 36.8 | 39.3 | ..... | 145.8 | 151.6 | 130.8 | 130.8 | 6.0 | 0.7 | 84.6 | 84.6 |
| 205 Calais | 142.9 | 142.9 | 0. | 142.9 | 0. | 95.0 | 65.5 | 95.0 | 65.5 | 128.3 | 109.2 | 36.8 | 27.5 | 25.0 | ..... | ..... | ..... | ..... | 6.0 | 1.1 | 77.8 | 77.8 |
| 206 Ellsworth | 130.6 | 93.1 | 28.7 | 93.1 | 28.7 | 59.4 | 63.8 | 59.4 | 63.8 | 118.0 | 109.2 | 36.8 | 30.4 | 6.7 | 105.6 | 177.8 | 140.8 | 140.8 | 5.1 | 1.1 | 89.6 | 89.6 |
| 207 Lewiston | 144.0 | 119.3 | 17.2 | 119.3 | 17.2 | 87.1 | 73.0 | 87.1 | 73.0 | 133.6 | 137.2 | 186.7 | 40.0 | 9.7 | 125.2 | 148.7 | 181.8 | 181.8 | 6.7 | 0.8 | 87.6 | 87.6 |
| 208 Portland | 155.7 | 136.2 | 12.5 | 136.2 | 12.5 | 116.7 | 87.3 | 116.7 | 87.3 | 137.2 | 137.2 | 186.7 | 23.8 | 16.1 | 194.5 | 166.7 | 181.8 | 181.8 | 8.7 | 1.3 | 94.5 | 94.5 |
| 209 Rockland | 155.7 | 136.2 | 12.5 | 136.2 | 12.5 | 116.7 | 87.3 | 116.7 | 87.3 | 137.2 | 137.2 | 186.7 | 23.8 | 36.0 | ..... | ..... | ..... | ..... | 9.8 | 2.4 | ..... | ..... |
| 210 Saco | 155.7 | 136.2 | 12.5 | 136.2 | 12.5 | 116.7 | 87.3 | 116.7 | 87.3 | 137.2 | 137.2 | 186.7 | 23.8 | 36.0 | ..... | ..... | ..... | ..... | 9.8 | 2.4 | ..... | ..... |
| MARYLAND. | | | | | | | | | | | | | | | | | | | | | | |
| 211 Baltimore | 93.9 | 74.2 | 26.6 | 74.2 | 26.6 | 60.6 | 81.4 | 60.6 | 81.4 | 163.7 | 109.1 | 121.8 | 34.0 | 10.1 | 86.7 | 143.1 | 542.3 | 542.3 | 2.4 | 0.3 | 89.0 | 89.0 |
| 212 Frederick | 132.7 | 93.5 | 28.0 | 93.5 | 28.0 | 69.9 | 73.2 | 69.9 | 73.2 | 109.1 | 109.1 | 101.2 | 39.2 | 25.0 | 99.2 | 141.8 | 200.0 | 200.0 | 0.0 | 0.0 | ..... | ..... |

| 213 | Hagerstown | 81.3 | 68.2 | 16.1 | 50.6 | 74.2 | 120.4 | 190.9 | 34.1 | 69.8 | 137.8 | 400.0 | 4.9 | 0.9 | 87.0 |
|----------------|--------------|-------|-------|-------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|
| MASSACHUSETTS. | | | | | | | | | | | | | | | |
| 214 | Attleborough | 163.0 | 158.5 | 2.7 | 109.1 | 68.8 | 120.4 | 190.9 | 28.2 | 2.9 | 153.2 | 140.5 | 4.6 | 0 | 95.0 |
| 215 | Beverly * | 120.0 | 118.9 | 0.9 | 37.8 | 82.3 | 160.2 | 190.4 | 34.0 | 10.5 | 137.1 | 200.0 | 9.2 | ..... | 93.2 |
| 216 | Boston | 127.3 | 113.7 | 10.6 | 101.7 | 70.7 | 162.9 | 186.1 | 40.9 | 19.1 | ..... | ..... | ..... | ..... | ..... |
| 217 | Brookton | 160.9 | 143.9 | 6.6 | 109.0 | 76.5 | 153.1 | 216.9 | 41.6 | 11.8 | ..... | ..... | 4.9 | 0.8 | ..... |
| 218 | Brookline | 151.8 | 141.7 | 13.4 | 104.4 | 84.9 | 169.8 | 208.8 | 33.0 | ..... | ..... | ..... | 6.1 | 0.6 | 64.8 |
| 219 | Cambridge | 142.1 | 122.9 | 7.8 | 90.7 | 71.8 | 153.1 | 216.9 | 40.5 | ..... | ..... | ..... | 5.1 | 0.6 | 85.9 |
| 220 | Chelsea | 137.2 | 126.4 | 34.1 | 56.1 | 59.2 | 137.9 | 197.1 | 39.3 | 8.6 | ..... | ..... | 6.1 | 0.6 | 82.7 |
| 221 | Chicopee | 145.4 | 141.7 | 0.9 | 112.0 | 79.5 | 137.9 | 197.1 | 32.1 | 12.5 | 135.3 | 163.6 | 6.7 | 1.4 | 95.2 |
| 222 | Clinton | 122.3 | 121.2 | 0.9 | 85.3 | 70.4 | 137.9 | 207.2 | 36.9 | 5.4 | 144.3 | 118.2 | 9.6 | 2.6 | 83.6 |
| 223 | Danvers | 143.2 | 140.9 | 1.6 | 107.6 | 81.2 | 137.9 | 207.2 | 27.4 | 16.3 | 128.8 | 118.2 | 11.5 | ..... | 75.5 |
| 224 | Dedham | 132.4 | 132.4 | ..... | 107.6 | 81.2 | 137.9 | 207.2 | 27.4 | 16.3 | 128.8 | 118.2 | 11.5 | ..... | 75.5 |
| 225 | Everett | 133.8 | 132.3 | 3.2 | 119.1 | 90.0 | 174.5 | 230.9 | 43.3 | 6.4 | 131.2 | 246.6 | 5.6 | 1.2 | 80.9 |
| 226 | Fall River | 127.4 | 108.2 | 15.7 | 77.8 | 71.9 | 143.6 | 155.3 | 37.0 | 5.9 | 103.5 | 256.1 | 4.6 | 0.8 | 73.0 |
| 227 | Fitchburg | 147.7 | 121.6 | 17.1 | 84.8 | 69.8 | 131.1 | 159.3 | 35.1 | 10.5 | 132.7 | 186.8 | 8.6 | 0.6 | 65.7 |
| 228 | Glocester | 116.1 | 136.1 | 6.8 | 117.6 | 86.4 | 166.0 | 225.3 | 35.0 | 4.9 | 147.0 | 211.6 | 6.1 | 0.8 | 92.0 |
| 229 | Haverhill | 87.8 | 66.5 | 24.2 | 62.9 | 94.5 | ..... | ..... | 31.5 | 8.2 | 63.9 | 117.6 | 4.5 | ..... | 86.8 |
| 230 | Holyoke * | 127.8 | 86.4 | 32.4 | 64.8 | 62.9 | 123.9 | 107.1 | 30.3 | 8.9 | 113.0 | 200.5 | 8.5 | 0.8 | 87.7 |
| 231 | Hyde Park | 125.1 | 94.3 | 34.6 | 78.4 | 83.5 | 137.9 | 130.0 | 35.9 | 15.8 | 113.0 | 326.1 | 4.1 | 0.6 | 87.4 |
| 232 | Lawrence | 126.1 | 101.5 | 19.4 | 75.4 | 74.3 | 135.0 | 139.4 | 38.7 | ..... | 99.9 | 136.1 | 21.8 | 0.7 | ..... |
| 233 | Lowell | 136.9 | 103.3 | 24.6 | 73.4 | 71.1 | 135.0 | 139.4 | 38.7 | ..... | 121.6 | 127.8 | 6.2 | 1.1 | 76.7 |
| 234 | Lynn | 130.5 | 118.8 | 8.9 | 95.4 | 80.3 | 156.6 | 186.0 | 29.1 | 8.3 | 129.2 | 149.1 | 5.8 | 1.1 | 83.4 |
| 235 | Malden | 133.9 | 126.3 | 17.8 | 86.7 | 68.6 | 132.3 | 107.2 | 28.1 | 9.7 | ..... | ..... | 8.5 | 0.5 | ..... |
| 236 | Marblehead | 113.4 | 117.7 | 2.9 | 89.9 | 76.4 | 144.9 | 217.8 | 35.5 | 16.7 | 156.7 | 137.5 | 13.1 | 1.8 | 85.2 |
| 237 | Marlborough | 174.3 | 149.8 | 14.2 | 126.3 | 84.3 | 151.9 | 218.9 | 35.7 | 5.4 | 162.8 | 112.9 | 8.1 | 1.5 | 66.8 |
| 238 | Medford | 146.0 | 144.0 | 1.3 | 114.0 | 79.1 | 130.7 | 180.9 | 29.2 | 3.4 | 162.8 | 112.9 | 12.3 | 1.5 | 66.8 |
| 239 | Milford | 160.7 | 138.4 | 13.9 | 105.2 | 76.0 | 130.7 | 180.9 | 29.2 | 10.1 | 154.8 | 226.2 | 8.5 | 0.9 | 66.7 |
| 240 | New Bedford | 148.1 | 110.6 | 25.3 | 73.8 | 66.7 | 133.4 | 147.6 | 29.2 | 10.1 | 154.8 | 226.2 | 8.5 | 0.9 | 66.7 |
| 241 | Newburyport | 122.7 | 83.4 | 32.1 | 59.1 | 70.9 | 136.0 | 113.4 | 30.1 | 12.2 | 147.9 | 161.8 | 7.0 | 0.7 | 88.2 |
| 242 | Newton | 131.3 | 128.8 | 5.0 | 106.5 | 83.4 | 124.5 | 152.2 | 32.7 | 16.8 | 140.6 | 132.0 | 10.1 | 1.9 | 86.4 |
| 243 | North Adams | 143.7 | 122.3 | 14.9 | 80.1 | 65.6 | 124.5 | 152.2 | 22.9 | 6.8 | 141.0 | 181.8 | 4.6 | 0.7 | 84.6 |
| 244 | Northampton | 149.7 | 136.6 | 8.7 | 103.3 | 75.6 | 154.0 | 183.0 | 29.9 | 8.8 | 107.2 | 108.0 | 5.2 | 0.8 | 85.4 |
| 245 | Peabody | 122.2 | 129.7 | ..... | 90.5 | 76.2 | 138.6 | 179.7 | 37.4 | 11.4 | 117.7 | 111.1 | 4.0 | 0.7 | 82.1 |
| 246 | Pittsfield | 141.4 | 129.7 | 8.3 | 93.6 | 82.2 | 138.6 | 179.7 | 37.4 | 11.4 | 117.7 | 111.1 | 4.0 | 0.7 | 82.1 |
| 247 | Plymouth | 138.2 | 135.9 | 1.7 | 106.6 | 78.5 | 138.6 | 179.7 | 30.8 | 13.2 | ..... | ..... | 9.9 | 0.9 | 87.5 |
| 248 | Quincy | 120.4 | 118.7 | 1.4 | 90.1 | 75.9 | 138.6 | 179.7 | 40.1 | 12.9 | ..... | ..... | 3.6 | ..... | 85.9 |
| 249 | Salem | 145.8 | 99.5 | 21.5 | 75.2 | 75.5 | 122.8 | 201.0 | 31.4 | 8.3 | 107.4 | 280.1 | 6.5 | 1.2 | 88.6 |
| 250 | Somerville | 177.5 | 163.7 | 7.8 | 108.7 | 66.3 | 122.8 | 201.0 | 37.1 | 8.3 | 126.3 | 222.2 | 7.1 | 0.9 | 64.7 |
| 251 | Southbridge | 136.0 | 95.8 | 29.6 | 60.3 | 63.0 | 112.8 | 108.0 | 26.5 | 6.7 | 79.3 | 81.3 | 5.4 | 0.3 | 74.8 |
| 252 | Spencer | 144.8 | 142.8 | 14.6 | 101.9 | 71.4 | 112.8 | 108.0 | 35.9 | ..... | ..... | ..... | 5.9 | ..... | ..... |
| 253 | Springfield | 146.9 | 120.5 | 17.9 | 90.2 | 74.9 | 143.1 | 172.6 | 32.5 | 8.2 | 117.9 | 208.4 | 5.7 | 1.0 | 84.5 |
| 254 | Stonewall | 129.1 | 150.9 | ..... | 116.4 | 77.1 | 154.3 | 232.9 | 30.7 | 7.7 | 145.6 | 125.0 | 8.5 | 2.2 | 79.6 |
| 255 | Taunton | 135.3 | 129.1 | 3.4 | 102.4 | 79.3 | 154.3 | 232.9 | 35.6 | 12.1 | 145.6 | 125.0 | 5.3 | 0.7 | 80.7 |
| 256 | Waltham | 138.3 | 99.7 | 27.9 | 70.2 | 79.5 | 154.3 | 232.9 | 31.7 | 15.3 | 117.3 | 181.8 | 9.8 | 0.9 | 82.4 |
| 257 | Watertown | 151.9 | 111.5 | 26.6 | 85.1 | 76.4 | 150.4 | 167.7 | 29.1 | 16.7 | ..... | ..... | 8.1 | 1.4 | 96.7 |
| 258 | Westfield | 125.9 | 123.6 | 1.7 | 93.7 | 77.4 | 150.4 | 167.7 | 29.1 | 16.7 | 111.0 | 75.0 | 7.8 | ..... | 88.6 |
| 259 | Weymouth | 161.1 | 158.9 | 1.3 | 133.1 | 90.1 | 173.8 | 276.1 | 38.1 | 16.7 | 202.5 | 140.4 | 8.6 | 1.2 | 94.2 |
| 260 | Woburn | 141.0 | 112.7 | 20.1 | 83.1 | 73.6 | 147.9 | 166.8 | 37.6 | 10.2 | 106.4 | 173.6 | 8.0 | 0.6 | 96.8 |
| 261 | Worcester | 142.2 | 123.8 | 15.4 | 87.8 | 70.9 | 141.8 | 173.6 | 33.3 | 8.3 | 117.6 | 285.9 | 8.2 | 1.2 | 60.0 |

* Statistics of 1887-88.

TABLE 20.—Comparative statistics for 1888-89 of enrollment, attendance, teachers, and accommodations in schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | 1 | 2 | 3 | 4 | Ratio of average daily attendance in public day schools in— | | 7 | 8 | 9 | 10 | Number of seats or sittings for study to each 100 of— | | 13 | High schools. | | | Ratio of average daily attendance to enrollment. |
|------------------|---------|---------|---------|---------|-------------------------------------------------------------|-------------|-------|---------|---------|---------|-------------------------------------------------------|---------------------------|---------|--------------------------------------------------------|------------------------------------------------------------|---------|--------------------------------------------------|
| | | | | | Population 6-14. | Enrollment. | | | | | Population 6-14. | Average daily attendance. | | Ratio of enrollment to total public-school enrollment. | Proportion of graduates to total public-school enrollment. | Per ct. | |
| | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Days. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. |
| 262 Adrian | 138.0 | 110.9 | 110.9 | 19.6 | 73.1 | 65.9 | 138.7 | 29.5 | 36.5 | 15.6 | 138.9 | 190.1 | 358.8 | 10.8 | 0.6 | 79.4 | |
| 263 Alpena | 139.7 | 87.9 | 37.1 | 56.8 | 64.6 | 64.6 | 176.9 | 34.1 | 36.5 | 15.6 | 57.1 | 100.5 | 137.5 | 5.2 | 0.9 | 78.7 | |
| 264 Ann Arbor | 134.8 | 119.7 | 11.3 | 93.1 | 77.8 | 77.8 | 147.9 | 32.8 | 34.1 | 19.6 | 108.9 | 145.0 | 475.0 | 30.7 | 4.1 | 84.3 | |
| 265 Battle Creek | 130.0 | 107.1 | 17.6 | 75.0 | 70.1 | 70.1 | 136.5 | 32.8 | 34.3 | 5.0 | 91.8 | 145.7 | 405.0 | 7.2 | 0.5 | 74.6 | |
| 266 Bay City | 128.0 | 89.5 | 30.1 | 63.1 | 70.4 | 70.4 | 133.9 | 30.9 | 34.3 | 12.0 | 132.5 | 139.1 | 145.1 | 6.6 | 0.4 | 74.9 | |
| 267 Big Rapids | 141.8 | 141.8 | 0 | 80.5 | 66.8 | 66.8 | 157.9 | 30.9 | 36.8 | 15.8 | 132.5 | 139.1 | 145.1 | 6.6 | 0.4 | 74.9 | |
| 268 Cadillac | 144.7 | 144.7 | 0 | 95.2 | 62.7 | 62.7 | 176.9 | 36.8 | 36.8 | 15.8 | 132.5 | 139.1 | 145.1 | 6.6 | 0.4 | 74.9 | |
| 269 Cheboygan | 112.5 | 67.9 | 39.5 | 42.7 | 62.7 | 62.7 | 176.9 | 36.8 | 36.8 | 15.8 | 132.5 | 139.1 | 145.1 | 6.6 | 0.4 | 74.9 | |
| 270 Coldwater | 158.2 | 158.2 | 0 | 119.3 | 75.4 | 75.4 | 231.3 | 37.7 | 37.7 | 13.0 | 143.7 | 120.5 | 290.0 | 11.5 | 1.1 | 80.0 | |
| 271 Detroit | 90.4 | 61.6 | 31.9 | 43.8 | 71.2 | 71.2 | 142.3 | 38.8 | 38.8 | 4.8 | 54.5 | 124.4 | 447.0 | 3.8 | 0.6 | 83.3 | |
| 272 East Saginaw | 105.5 | 90.0 | 14.7 | 68.8 | 76.4 | 76.4 | 132.1 | 35.2 | 36.6 | 6.7 | 85.9 | 124.8 | 341.4 | 6.4 | 0.6 | 83.3 | |
| 273 Escanaba | 135.8 | 70.8 | 47.9 | 43.9 | 62.1 | 62.1 | 87.9 | 37.4 | 36.6 | 8.3 | 65.1 | 148.0 | 216.7 | 8.6 | 1.4 | 67.2 | |
| 274 Flint | 211.9 | 181.6 | 14.3 | 136.3 | 75.0 | 75.0 | 273.1 | 37.4 | 36.6 | 2.6 | 186.9 | 138.0 | 265.6 | 17.8 | 0.9 | 61.1 | |
| 275 Grand Haven | 134.2 | 131.6 | 1.9 | 97.4 | 74.0 | 74.0 | 195.1 | 37.4 | 36.6 | 11.1 | 125.0 | 125.8 | 200.0 | 4.4 | 0.4 | 70.7 | |
| 276 Grand Rapids | 148.5 | 121.5 | 16.2 | 89.4 | 71.9 | 71.9 | 172.5 | 34.3 | 34.3 | 3.6 | 112.5 | 125.8 | 407.6 | 7.1 | 1.8 | 70.7 | |
| 277 Ionia | 123.0 | 123.0 | 0 | 75.3 | 61.2 | 61.2 | 146.7 | 31.7 | 31.7 | 10.0 | 157.7 | 151.2 | 275.0 | 2.7 | 1.8 | 70.7 | |
| 278 Kalamazoo | 147.2 | 147.2 | 8.0 | 104.3 | 70.9 | 70.9 | 136.5 | 32.3 | 32.3 | 6.4 | 104.3 | 117.1 | 313.4 | 11.8 | 1.3 | 88.9 | |
| 279 Kalamazoo | 113.6 | 113.6 | 13.7 | 89.1 | 78.4 | 78.4 | 164.5 | 38.3 | 38.3 | 4.4 | 104.3 | 117.1 | 313.4 | 7.5 | 1.0 | 88.9 | |
| 280 Lansing | 123.8 | 123.8 | 0 | 78.2 | 63.2 | 63.2 | 148.5 | 33.7 | 33.7 | 6.2 | 150.2 | 143.3 | 300.0 | 7.9 | 0.3 | 73.8 | |
| 281 Ludington | 147.0 | 147.0 | 0 | 104.9 | 71.3 | 71.3 | 195.9 | 40.5 | 40.5 | 6.2 | 150.2 | 143.3 | 300.0 | 4.7 | 0.3 | 73.8 | |
| 282 Manistee | 129.1 | 129.1 | 0 | 70.0 | 64.2 | 64.2 | 137.8 | 37.1 | 37.1 | 12.0 | 143.7 | 143.7 | 249.0 | 3.9 | 0.6 | 68.2 | |
| 283 Marquette | 150.3 | 119.5 | 20.7 | 94.4 | 78.9 | 78.9 | 181.1 | 37.7 | 37.7 | 13.0 | 184.4 | 195.4 | 236.0 | 10.4 | 1.9 | 85.0 | |
| 284 Marshall | 150.3 | 119.5 | 20.7 | 94.4 | 78.9 | 78.9 | 181.1 | 37.7 | 37.7 | 13.0 | 184.4 | 195.4 | 236.0 | 10.4 | 1.9 | 85.0 | |
| 285 Menominee | 114.4 | 114.4 | 0 | 38.1 | 61.5 | 61.5 | 76.3 | 33.3 | 33.3 | 8.3 | 60.1 | 157.5 | 157.5 | 12.3 | 0.4 | 71.6 | |
| 286 Montrose | 62.0 | 62.0 | 46.9 | 46.9 | 61.5 | 61.5 | 76.3 | 33.3 | 33.3 | 8.3 | 60.1 | 157.5 | 157.5 | 12.3 | 0.4 | 71.6 | |

| | | | | | | | | | | | | | |
|--------------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 288 | Mount Clemens* | 96.0 | 14.8 | 58.3 | 118.0 | 34.9 | ..... | 124.1 | 280.1 | 3.8 | 0.4 | 87.7 | |
| 289 | Muskegon | 81.2 | 30.0 | 67.2 | 129.1 | 41.9 | 6.7 | 159.3 | 250.0 | 5.5 | ..... | 82.4 | |
| 290 | Negaunee | 130.6 | 13.8 | 68.2 | 122.4 | 28.2 | 14.3 | 150.3 | 181.0 | 9.3 | 0.4 | 76.6 | |
| 291 | Niles | 147.8 | 0 | 74.6 | 148.3 | 36.1 | 16.7 | 179.2 | 203.3 | 11.5 | 1.7 | 82.0 | |
| 292 | Owosso* | 163.3 | 98.3 | 61.2 | 117.5 | 35.7 | 2.7 | 91.3 | 151.5 | 4.1 | 0.5 | 73.8 | |
| 293 | Pontiac | 134.8 | 27.1 | 77.9 | 148.0 | 39.3 | ..... | 125.0 | 333.3 | 5.4 | 1.0 | 92.7 | |
| 294 | Port Huron | 98.3 | 27.1 | 61.2 | 117.5 | 35.7 | 2.7 | 91.3 | 151.5 | 4.1 | 0.5 | 73.8 | |
| 295 | Saginaw | 160.7 | 6.3 | 80.4 | 100.2 | 33.5 | 11.1 | 168.6 | 210.0 | 3.3 | 0.1 | 74.7 | |
| 296 | West Bay City | 160.7 | 6.3 | 80.4 | 100.2 | 33.5 | 11.1 | 168.6 | 210.0 | 3.3 | 0.1 | 74.7 | |
| 297 | Wyandotte | 102.0 | 32.3 | 65.5 | 127.3 | 37.7 | 9.0 | 32.5 | 253.3 | 11.1 | 1.7 | 73.8 | |
| 298 | Ypsilanti | 112.7 | 91.9 | 69.8 | 139.9 | 30.7 | 23.8 | 104.1 | 262.8 | 10.9 | ..... | 80.2 | |
| MINNESOTA. | | | | | | | | | | | | | |
| 299 | Anoka | 136.3 | 8.5 | 73.0 | 131.3 | 39.2 | 15.8 | 135.0 | 180.6 | 7.1 | 0.7 | 76.5 | |
| 300 | Brainerd | | 2.0 | 62.9 | | 38.4 | 9.5 | | 135.7 | 175.0 | 4.1 | 0.2 | 64.0 |
| 301 | Brookston | | 0 | 54.2 | 98.5 | 35.0 | 25.0 | | 138.1 | 181.2 | 7.2 | 0 | 50.0 |
| 302 | Duluth | | 15.1 | 133.1 | 133.1 | 30.4 | 14.3 | | 133.9 | 265.0 | 4.5 | 0.3 | 77.2 |
| 303 | Faribault | | 26.0 | 70.2 | 122.9 | 31.7 | 13.0 | | 113.2 | 131.7 | 6.7 | 0.8 | 72.5 |
| 304 | Marquette | | 32.5 | 75.5 | 134.3 | 39.4 | 15.6 | | 111.2 | 285.0 | 5.9 | 0.3 | 74.1 |
| 305 | Minneapolis | | | 73.7 | 132.9 | 36.1 | 5.8 | | 130.6 | 405.7 | 5.9 | 0.4 | 50.0 |
| 306 | Red Wing | | 13.3 | 70.6 | 124.8 | 30.9 | 8.0 | | 216.6 | 440.0 | 5.7 | | 83.6 |
| 307 | Rochester | | | 68.8 | | 29.0 | 4.3 | | 134.9 | 225.0 | 6.6 | 0.6 | 69.4 |
| 308 | St. Cloud | 158.0 | 36.7 | 90.8 | 167.1 | 37.2 | 13.6 | 102.7 | 113.1 | 120.0 | 2.1 | 0.2 | 71.6 |
| 309 | St. Paul | | 15.2 | 82.4 | 156.0 | 25.1 | 14.5 | | 177.9 | 476.7 | 5.9 | 0.6 | 78.8 |
| 310 | Stillwater | | | 76.9 | 135.3 | 30.6 | 7.1 | | 152.2 | 279.4 | 7.0 | 0.4 | 78.8 |
| 311 | Winona | 88.4 | 26.5 | 73.5 | 143.8 | 37.0 | 16.1 | 89.0 | 136.9 | 33.3 | 0.4 | 96.5 | |
| MISSISSIPPI. | | | | | | | | | | | | | |
| 312 | Columbus | ..... | 5.4 | 76.0 | 121.5 | 35.9 | 23.1 | ..... | 400.0 | ..... | ..... | ..... |  |
| 313 | Jackson | ..... | 19.4 | ..... | ..... | ..... | ..... | 136.7 | 540.0 | 3.9 | 0 | 90.0 | |
| 314 | Meridian | ..... | 30.5 | 54.1 | 97.3 | 26.1 | 8.0 | ..... | ..... | 3.2 | 0.6 | 80.5 | |
| 315 | Natchez | 56.8 | 31.8 | 56.9 | 93.9 | 36.1 | 7.4 | 47.2 | 432.8 | 1.7 | 0.6 | 86.7 | |
| 316 | Vicksburg | 46.8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| MISSOURI. | | | | | | | | | | | | | |
| 317 | Boonville | 82.3 | ..... | 56.5 | 124.8 | 39.8 | ..... | 82.7 | 253.3 | 4.9 | 0.3 | 71.3 | |
| 318 | Brookfield | 81.1 | 63.0 | 77.7 | 139.8 | 49.7 | 18.2 | 87.6 | 139.1 | 253.3 | 4.9 | 0.3 | 71.3 |
| 319 | Buller | 126.5 | 2.4 | 82.3 | 115.9 | 43.6 | 16.7 | 107.1 | 130.0 | 226.7 | 4.2 | 1.1 | |
| 320 | Cape Girardeau | 67.0 | ..... | 45.5 | 67.8 | 51.0 | ..... | 62.4 | 137.2 | 350.0 | ..... | ..... |  |
| 321 | Carrollton | 142.7 | 5.9 | 117.3 | 157.3 | 21.1 | 44.8 | 25.0 | 135.5 | 115.2 | 12.6 | 1.3 | 71.8 |
| 322 | Cardozo* | 117.5 | 5.6 | 85.0 | 127.3 | 149.5 | 44.3 | 15.4 | 92.1 | 108.5 | 9.1 | | 61.2 |
| 323 | Chillicothe* | 124.2 | 10.9 | 63.5 | 99.7 | 99.6 | 35.8 | 27.8 | 98.3 | 185.0 | 7.1 | | 89.2 |
| 324 | Columbia* | 134.2 | 19.3 | 68.1 | 124.7 | 155.7 | 40.1 | 15.0 | 146.3 | 585.0 | | | |
| 325 | Columbia* | 146.7 | 47.3 | 74.1 | 114.3 | 88.5 | 41.4 | 68.3 | 120.9 | 350.0 | | | |
| 326 | De Soto* | 91.1 | 86.6 | 78.9 | 125.8 | 108.9 | 52.6 | 135.1 | 171.1 | 450.0 | | | |
| 327 | Hamilton | 122.5 | 9.4 | 67.6 | 119.6 | 39.7 | 9.5 | 96.9 | 129.2 | 350.0 | 8.5 | 0.4 | 71.7 |
| 328 | Independence | 136.9 | 12.8 | 76.6 | 111.7 | 133.4 | 43.9 | 89.8 | 117.8 | 342.7 | 3.9 | 0.5 | 53.3 |
| 329 | Jefferson City* | 72.5 | 53.6 | 74.0 | 127.1 | 92.1 | 14.3 | 67.5 | 125.9 | 293.3 | | | |
| 330 | Johnston | 138.3 | | 79.3 | 89.4 | 41.3 | | 98.1 | 180.0 | | 1.1 | | |
| 331 | Kansas City | 74.2 | ..... | 63.1 | 117.1 | 87.0 | 28.0 | ..... | ..... | 4.7 | 0.5 | 72.8 | |
| 332 | Lexington | 66.5 | 28.1 | 63.7 | 119.7 | 36.1 | 13.6 | 59.7 | 136.6 | 14.2 | 1.7 | 87.2 | |

* Statistics of white schools only.

* Statistics of 1887-88.

TABLE 20. — Comparative statistics for 1888-89 of enrollment, attendance, teachers, and accommodations in schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | 2 | 3 | 4 | Ratio of average daily attendance in public day schools to— | | 7 | 8 | 9 | 10 | Number of seats or sittings for study to each 100 of— | | 13 | High schools. | | |
|-----------------------|---------|---------|---------|-------------------------------------------------------------|-------------|---------|-------|---------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------|---------------------------|-------------------------------------------|--------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------|
| | | | | Population 6-14. | Enrollment. | | | | | Population 6-14. | Average daily attendance. | | Ratio of enrollment to total public-school enrollment. | Proportion of graduates to total public-school enrollment. | Ratio of average daily attendance to enrollment. |
| 1 | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Days. | Number of pupils in average daily attendance to each teacher. | Proportion of males in entire supervising and teaching force. | Population 6-14. | Average daily attendance. | Average number of sittings to a building. | Per ct. | Per ct. | Per ct. |
| MISSOURI—continued. | | | | | | | | | | | | | | | |
| 232 Louisiana..... | 116.7 | 100.8 | 13.5 | 68.4 | 65.9 | 79.1 | 79.7 | 48.3 | 21.4 | 103.0 | 155.8 | 490.0 | ..... | 1.4 | ..... |
| 331 Marshall..... | 130.4 | 137.9 | 8.3 | 83.4 | 70.9 | 123.5 | 148.7 | 39.1 | ..... | 107.2 | 125.6 | 327.3 | 8.3 | 0.4 | 77.2 |
| 335 Maryville..... | 154.1 | 123.4 | 16.0 | 83.6 | 72.2 | 127.0 | 175.2 | 40.8 | 17.6 | 111.9 | 123.6 | 223.5 | 11.6 | 0.4 | 78.1 |
| 336 Mexico*..... | 84.9 | 123.4 | 15.1 | 83.6 | 64.6 | 116.3 | 150.2 | 42.4 | 27.8 | 105.3 | 126.0 | 480.0 | 9.8 | ..... | 68.1 |
| 337 Nobler..... | 161.2 | 151.0 | 6.3 | 91.6 | 69.2 | 108.6 | 78.3 | 46.9 | 15.0 | 161.8 | 123.8 | 262.7 | 6.6 | 1.2 | 90.9 |
| 338 Nevada..... | 129.5 | 135.4 | 3.3 | 74.9 | 59.8 | 94.6 | 142.9 | 47.1 | 13.0 | 106.6 | 116.3 | 420.0 | 4.8 | 0.9 | 81.7 |
| 339 Rich Hill..... | 141.1 | 37.7 | 73.2 | 32.2 | 85.5 | 93.3 | 116.8 | 50.0 | 26.6 | 53.5 | 71.4 | 166.6 | 5.6 | 0.9 | 83.2 |
| 340 St. Charles..... | 56.8 | 47.2 | 14.9 | 32.4 | 67.0 | 165.8 | 62.5 | 34.3 | ..... | 48.2 | 129.5 | 170.0 | 7.8 | 0.4 | 80.3 |
| 341 St. Joseph..... | 120.3 | 83.7 | 30.4 | 61.5 | 77.0 | 131.4 | 110.0 | 41.8 | 6.8 | 75.5 | 117.1 | 468.2 | 3.7 | 0.2 | 71.8 |
| 342 St. Louis..... | 115.5 | 83.7 | 30.4 | 61.5 | 77.0 | 131.4 | 110.0 | 41.8 | 6.8 | 75.5 | 117.1 | 468.2 | 3.7 | 0.2 | 71.8 |
| 343 Sedalia*..... | 196.8 | 176.8 | 10.3 | 106.6 | 60.3 | 96.5 | 170.5 | 53.7 | 21.1 | 126.4 | 118.6 | 346.7 | 5.9 | 0.4 | 65.3 |
| 344 Springfield..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 501.5 | ..... | ..... | ..... |
| 345 Trenton..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 233.3 | ..... | ..... | ..... |
| 346 Warrensburg*..... | 59.1 | 32.1 | 45.7 | 23.7 | 73.8 | 124.5 | 131.5 | 44.6 | ..... | 82.8 | 112.2 | 205.0 | 0 | 0 | ..... |
| 347 Washington*..... | ..... | ..... | ..... | ..... | 89.4 | 170.2 | 54.7 | 45.6 | 57.1 | 36.9 | 128.5 | ..... | ..... | ..... | ..... |
| MONTANA. | | | | | | | | | | | | | | | |
| 348 Butte City..... | ..... | ..... | 8.4 | ..... | 60.5 | 114.2 | ..... | 39.5 | 9.1 | ..... | 134.2 | 134.5 | 3.2 | 0.3 | 75.3 |
| NEBRASKA. | | | | | | | | | | | | | | | |
| 349 Beatrice..... | 136.4 | 121.8 | 10.7 | 71.2 | 58.4 | 102.2 | 124.5 | 32.6 | 15.6 | 102.0 | 143.3 | 200.0 | 3.1 | 0.4 | 71.1 |
| 350 Fremont..... | 156.5 | 143.9 | 7.8 | 99.5 | 69.2 | 128.8 | 185.2 | 39.3 | 7.4 | 146.6 | 147.2 | 250.0 | 5.9 | 1.1 | 81.6 |
| 351 Grand Island..... | 125.5 | 119.2 | 4.5 | 81.7 | 67.0 | 134.0 | 159.6 | 35.8 | 16.7 | 107.2 | 131.2 | 151.1 | 5.7 | 1.2 | 70.0 |
| 352 Hastings..... | 152.3 | 134.8 | 11.5 | 87.0 | 64.5 | 103.1 | 139.0 | 39.6 | 3.8 | 121.4 | 139.6 | 276.0 | 4.7 | 0.9 | 71.2 |
| 353 Kearney..... | ..... | 115.1 | ..... | 73.7 | 64.0 | 112.7 | 129.7 | 32.3 | 7.4 | 95.4 | 129.5 | 161.3 | 6.2 | 0.8 | 63.5 |

| | | | | | | | | | | | | | | |
|---------------|-----------------|-------|-------|------|-------|-------|------|-------|-------|-------|-------|------|------|------|
| 354 | Lincoln | 88.2 | 61.3 | 69.5 | 119.5 | 105.5 | 41.2 | 76.9 | 125.5 | 276.0 | 4.0 | 0.4 | 79.9 | |
| 355 | Nebraska City | 126.1 | 12.9 | 70.4 | 132.6 | 146.1 | 35.3 | 81.4 | 104.9 | 160.0 | 5.8 | 0.8 | 96.2 | |
| 356 | Omaha | 140.9 | 77.5 | 66.9 | 127.9 | 148.0 | 32.0 | 100.5 | 129.7 | 212.8 | 3.9 | 0.4 | 75.7 | |
| 357 | Plattsmouth | 133.2 | 70.0 | 66.3 | 119.5 | 142.3 | 34.3 | 4.1 | | | 4.9 | | | |
| NEVADA | | | | | | | | | | | | | | |
| 358 | Carson City | 125.7 | 85.8 | 70.9 | 117.3 | 142.0 | 41.9 | 9.1 | 120.1 | 139.9 | 215.0 | 16.1 | 1.2 | 74.3 |
| 359 | Eureka | 108.7 | 64.6 | 59.4 | 112.9 | 122.7 | 53.1 | 23.0 | 86.8 | 134.4 | 500.0 | 9.6 | | |
| 360 | Gold Hill | 97.7 | 69.1 | 71.5 | 137.2 | 132.6 | 43.5 | 18.2 | 97.2 | 140.7 | 183.3 | 11.9 | 1.8 | 72.3 |
| 361 | Virginia City | 149.9 | 80.1 | 71.9 | 142.3 | 138.5 | 47.2 | 20.0 | 119.7 | 149.4 | 337.5 | 4.8 | 1.1 | 91.3 |
| NEW HAMPSHIRE | | | | | | | | | | | | | | |
| 362 | Concord | | 11.9 | 75.7 | 118.0 | | 38.0 | 5.1 | | | 12.3 | 2.3 | 70.2 | |
| 363 | Dover* | 127.9 | 68.8 | 75.6 | 137.0 | 124.6 | 27.2 | 4.9 | 90.0 | 130.9 | 76.8 | 9.0 | | 89.3 |
| 374 | Keene | 158.1 | 100.6 | 84.4 | | | 21.4 | 4.7 | | | 10.2 | 0.7 | 74.0 | |
| 365 | Manchester | | | 67.3 | | | 32.9 | 11.5 | | | 6.9 | 1.2 | 68.5 | |
| 366 | Nashua | 103.6 | 73.6 | 71.0 | 116.8 | 121.0 | 29.9 | 7.8 | 102.9 | 139.9 | 131.1 | 7.0 | 0.9 | 92.8 |
| 367 | Portsmouth | | 73.2 | 66.3 | 123.6 | 136.5 | 25.9 | 20.0 | 128.8 | 176.0 | 136.7 | 8.6 | 1.1 | 88.5 |
| 368 | Rochester | 110.4 | 72.6 | | | | 26.1 | 12.5 | | | 11.6 | 1.8 | 75.9 | |
| NEW JERSEY | | | | | | | | | | | | | | |
| 369 | Atlantic City | 109.7 | 77.7 | 70.8 | 127.5 | 139.8 | 38.1 | 2.9 | 110.2 | 141.9 | 460.0 | 2.8 | 0.3 | 88.5 |
| 370 | Bayonne | 119.0 | 55.7 | 46.8 | 94.1 | 111.9 | 27.7 | | 88.6 | 159.1 | 374.2 | | | |
| 371 | Bordentown* | 91.8 | 37.6 | 57.3 | | | 27.6 | 15.4 | 80.0 | 212.8 | 382.0 | | | |
| 372 | Bridgeton* | 114.8 | 66.3 | 66.0 | | | 37.2 | 9.6 | 92.4 | 139.4 | 402.2 | | | |
| 373 | Burlington* | 111.8 | 44.5 | 52.2 | | | 31.6 | 6.2 | 92.4 | 207.5 | 175.0 | | | |
| 374 | Camden | 113.6 | 48.5 | 51.7 | 103.2 | 97.1 | 32.2 | | 66.2 | 133.2 | 464.0 | 0 | 0 | |
| 375 | Elizabeth | 104.4 | 50.2 | 71.0 | 134.9 | 95.3 | 46.3 | 7.1 | 53.2 | 105.9 | 506.7 | 2.6 | 0.4 | 89.4 |
| 376 | Gloucester City | 128.5 | 34.1 | 54.0 | 109.6 | 92.8 | 47.5 | | | | | | | |
| 377 | Hackensack | 123.4 | 79.9 | 71.1 | 156.8 | 93.4 | 38.8 | 27.8 | 141.7 | 177.4 | 413.3 | | | |
| 378 | Harrison | 149.4 | 50.8 | 78.4 | | | 52.7 | 27.3 | 43.0 | 86.2 | 500.0 | 2.5 | 0.3 | 87.7 |
| 379 | Hoboken | 71.5 | 39.4 | 62.2 | 124.5 | 80.6 | 39.3 | | 43.4 | 107.9 | 637.0 | 2.8 | 0.3 | 65.5 |
| 380 | Jersey City | 81.2 | 20.3 | | | | 42.8 | | 43.4 | | 228.3 | | | |
| 381 | Lambertville* | 109.0 | 51.3 | 63.8 | 124.4 | 107.8 | 39.4 | 7.7 | 99.4 | | | | | |
| 382 | Long Branch | 91.5 | 5.3 | 69.7 | 133.3 | 186.8 | 32.7 | 21.2 | 86.9 | 152.2 | 237.1 | 4.2 | 0.6 | 86.9 |
| 383 | Millville* | 129.2 | 5.7 | 64.9 | 129.4 | 145.5 | 31.7 | 11.4 | 114.5 | 134.9 | 161.6 | 4.1 | | 72.6 |
| 384 | Montclair | 140.5 | 74.9 | 66.4 | 129.4 | 145.5 | 31.7 | 9.1 | 105.6 | 141.5 | 314.0 | 12.4 | 0.9 | 96.7 |
| 385 | Morrisstown | 128.8 | 61.6 | 76.3 | 152.7 | 123.2 | 36.8 | 10.0 | 74.9 | 121.7 | 443.0 | 6.2 | | 73.3 |
| 386 | Mount Holly | 108.1 | 59.9 | 64.6 | 130.4 | 121.0 | 32.8 | 13.3 | 84.5 | 140.9 | 231.3 | 5.9 | 0.4 | 80.7 |
| 387 | New Brunswick | 68.9 | 51.5 | 74.8 | 145.9 | 100.5 | 36.5 | 4.0 | 63.6 | 127.2 | 319.4 | 8.7 | 0.5 | 76.6 |
| 388 | Newark | 75.3 | 50.9 | 67.6 | 128.5 | 96.8 | 42.4 | 8.0 | 67.0 | 131.4 | 519.4 | 3.4 | 0.4 | 76.6 |
| 389 | Orange | 117.4 | 46.2 | 64.5 | 129.8 | | 38.7 | 5.6 | 49.4 | 121.3 | 387.5 | 3.4 | 0.7 | 85.5 |
| 390 | Passaic | 113.6 | 27.2 | 59.5 | 144.0 | 119.0 | 35.9 | 3.0 | 75.7 | 127.3 | 294.0 | 4.9 | 0.7 | 87.5 |
| 391 | Paterson | 112.8 | 59.6 | 61.9 | 123.8 | 113.1 | 35.6 | 7.4 | 70.9 | 115.1 | 597.1 | 4.2 | 0.5 | 58.2 |
| 392 | Perth Amboy* | 107.4 | 37.1 | 60.0 | | | 42.4 | 10.9 | 43.8 | 117.9 | 250.0 | | | |
| 393 | Phillipsburgh | 108.5 | 75.0 | 91.2 | 182.5 | 150.1 | 40.7 | 9.4 | 102.4 | 130.4 | 287.0 | 5.9 | 1.0 | 92.6 |
| 394 | Plainfield | 116.2 | 70.6 | 74.7 | 143.7 | 142.5 | 30.7 | 5.0 | 101.1 | 143.3 | 325.8 | 6.4 | 0.9 | 86.4 |
| 395 | Railway | 129.7 | 65.3 | 60.6 | 115.1 | 124.0 | 34.6 | 19.0 | 105.5 | 161.6 | 293.8 | | | |
| 396 | Salem | 130.3 | 81.6 | 70.4 | | | 31.2 | 12.5 | 162.3 | 202.3 | 4.8 | 0.7 | 89.6 | |
| 397 | Trenton | 105.1 | 54.7 | 68.7 | 133.2 | 106.5 | 36.9 | | 70.3 | 128.4 | 255.2 | 4.8 | 0.3 | 87.6 |
| 398 | Woodbury* | 121.8 | 64.1 | 57.1 | | | 32.7 | 6.7 | 82.2 | 128.3 | 105.1 | | | |

* Statistics of 1887-88.

| | | | | | | | | | | | | | | | |
|-----|--------------------|-------|-------|-------|-------|------|-------|-------|------|------|-------|-------|---------|------|------|
| 425 | Ilion * | 165.4 | 166.4 | 0 | 132.5 | 79.6 | 155.3 | 258.4 | 39.7 | 5.3 | 172.9 | 130.5 | 492.0 | 23.7 | 81.0 |
| 426 | Ithaca | 160.4 | 131.5 | 18.0 | 100.9 | 76.7 | | | 33.8 | 10.8 | 134.2 | 133.0 | 305.0 | 19.5 | 72.3 |
| 427 | Jamaica | | | 8.9 | 90.8 | 72.7 | 139.8 | 174.9 | 28.5 | 4.4 | 111.7 | 123.0 | 290.9 | 14.3 | 57.9 |
| 428 | Jamestown | | | 135.1 | 90.8 | 72.5 | 131.7 | 178.0 | 41.7 | 4.1 | 137.1 | 140.0 | 330.0 | 7.2 | 71.0 |
| 429 | Johnstown | | | 137.1 | 80.2 | 67.1 | 128.9 | 151.0 | 32.9 | 17.6 | 130.7 | 163.0 | 397.0 | 13.8 | 63.5 |
| 430 | Kingston a | | | 129.9 | 93.8 | 71.9 | 136.1 | 131.7 | 31.1 | 5.1 | 66.3 | 95.3 | 275.0 | | |
| 431 | Lansingburgh | | | 120.4 | 70.2 | 67.4 | 130.0 | 135.3 | 31.8 | 12.0 | 97.0 | 138.3 | 390.5 | 6.7 | 70.8 |
| 432 | Little Falls | | | 116.2 | 104.1 | 74.1 | 139.1 | 142.9 | 34.6 | | 119.8 | 157.5 | 454.3 | 13.5 | 90.3 |
| 433 | Lockport | | | 120.3 | 14.6 | 71.1 | 139.1 | 142.9 | 34.6 | | 72.5 | 100.8 | 330.0 | 0 | 50.8 |
| 434 | Long Island City * | | | 109.6 | 108.5 | 66.3 | 126.1 | 136.8 | 44.3 | 2.7 | 72.5 | 100.8 | 330.0 | 0 | 50.8 |
| 435 | Lyons | | | 150.2 | 150.2 | 66.6 | 127.8 | 192.1 | 35.6 | 17.6 | 132.2 | 132.2 | 890.6 | 22.0 | 85.0 |
| 436 | Malone | | | 157.2 | 157.2 | 65.4 | 125.5 | 197.7 | 36.0 | 8.0 | 160.7 | 155.8 | 146.0 | 16.5 | 65.2 |
| 437 | Matinevan | | | 150.5 | 150.5 | 66.9 | 133.4 | 172.7 | 48.0 | 10.0 | 94.5 | 108.4 | 530.0 | | |
| 438 | Medina | | | 165.8 | 129.5 | 63.4 | 124.9 | 202.9 | 33.9 | 14.3 | 144.2 | 140.0 | 297.5 | 11.7 | 74.4 |
| 439 | Middletown | | | 132.0 | 125.4 | 64.8 | 122.6 | 154.5 | 38.2 | 5.4 | 103.1 | 126.7 | 211.1 | 8.5 | 50.9 |
| 440 | Mount Vernon | | | 135.8 | 121.6 | 60.1 | | | 29.7 | 10.0 | 94.7 | 129.6 | 300.0 | | |
| 441 | New Brighton | | | 106.6 | 103.0 | 69.8 | 132.7 | 136.7 | 35.0 | | | | | | |
| 442 | New Rochelle | | | | | 64.0 | | | 35.4 | 10.0 | | | | | |
| 443 | New York | | | 107.9 | 19.4 | 69.7 | 121.4 | 131.1 | 39.8 | 9.5 | 92.6 | 132.9 | 1,537.8 | | |
| 444 | Newburgh | | | 138.5 | 93.6 | 71.5 | | | 32.4 | 14.5 | 79.4 | 118.6 | 461.6 | 5.5 | 98.3 |
| 445 | Norwich | | | 140.5 | 140.5 | 79.0 | 151.7 | 213.1 | 37.5 | 4.8 | | | | 13.1 | 88.0 |
| 446 | Ogdensburg | | | 111.0 | 79.0 | 64.1 | 123.4 | 129.4 | 35.6 | 6.7 | | | | | |
| 447 | Olean | | | 78.5 | 31.2 | 50.5 | 104.9 | 197.0 | 30.6 | 8.3 | 150.6 | 143.6 | 300.0 | 11.5 | 92.9 |
| 448 | Oswego | | | 166.9 | 162.7 | 73.9 | 121.0 | 129.4 | 35.6 | 5.6 | 94.1 | 142.6 | 257.1 | 5.4 | 69.9 |
| 449 | Owego * | | | 123.9 | 97.7 | 70.5 | 104.9 | 129.4 | 35.6 | 6.7 | | | | 27.3 | 78.1 |
| 450 | Peekskill | | | 199.3 | 199.3 | 85.7 | 150.9 | 162.0 | 40.3 | 16.0 | | | | | |
| 451 | Penn Yan | | | 106.8 | 106.8 | 76.5 | 83.1 | 149.1 | 26.0 | 11.1 | 118.1 | 154.5 | 144.6 | | 91.6 |
| 452 | Plattsburgh | | | 137.8 | 132.4 | 98.5 | 140.7 | 186.2 | 34.9 | 5.9 | 136.5 | 138.5 | 250.0 | 9.6 | 74.3 |
| 453 | Port Chester | | | | 3.9 | 93.3 | | | 30.8 | 14.3 | 71.5 | 129.5 | 518.0 | | 66.3 |
| 454 | Port Jervis | | | | | 73.0 | 111.9 | 185.7 | 39.7 | 5.7 | 103.3 | 127.6 | 300.0 | 11.1 | 85.9 |
| 455 | Poughkeepsie * | | | | | 71.5 | 133.3 | 125.5 | 30.1 | 2.7 | 88.5 | 121.6 | 218.8 | 6.2 | 85.0 |
| 456 | Rochester | | | | | 77.2 | 149.0 | 109.9 | 31.7 | 3.0 | 67.0 | 117.6 | 473.5 | 8.7 | 73.1 |
| 457 | Rochester | | | | | 66.0 | 126.3 | 170.7 | 36.2 | | 122.4 | 134.1 | 224.5 | 8.1 | 80.2 |
| 458 | Rochester | | | | | 68.1 | 128.7 | 205.8 | 37.1 | 10.0 | 139.2 | 127.7 | 237.5 | 6.9 | |
| 459 | Saratoga Springs | | | | | 73.6 | 139.1 | 122.6 | 35.8 | 4.4 | | | | | 63.5 |
| 460 | Schenectady | | | | | 72.3 | 143.9 | 157.8 | 34.3 | 8.3 | 97.1 | 114.2 | 300.0 | 5.7 | 88.6 |
| 461 | Seneca Falls * | | | | | 70.5 | 136.7 | 164.9 | 37.7 | 9.2 | 96.6 | 122.9 | 447.4 | 8.1 | 73.0 |
| 462 | Sing Sing | | | | | 78.6 | 153.3 | 161.9 | 36.5 | 14.3 | 82.3 | 143.9 | 780.0 | 7.2 | 63.3 |
| 463 | Syracuse | | | | | 62.6 | 119.8 | 136.1 | 37.7 | 15.4 | | | | 2.7 | 86.4 |
| 464 | Tarrytown * | | | | | 56.6 | 111.0 | 112.2 | 41.7 | 11.6 | 71.7 | 109.5 | 286.1 | 3.1 | 85.1 |
| 465 | Troy * | | | | | 69.1 | 133.4 | 99.0 | 30.7 | 3.7 | 170.7 | 173.1 | 200.0 | 10.1 | 80.7 |
| 466 | Utica * | | | | | 72.7 | 141.7 | 127.8 | 28.9 | 22.2 | | | | | |
| 467 | Watertown | | | | | 69.5 | 134.7 | 191.0 | 32.1 | 9.9 | | | | | |
| 468 | Waterloo | | | | | 68.7 | 135.3 | 151.3 | 27.3 | 10.7 | | | | | |
| 469 | West Troy | | | | | 64.0 | 125.8 | 110.3 | 45.6 | | | | | | |
| 470 | Whitehall | | | | | 61.8 | 124.4 | 143.4 | 33.1 | 5.9 | 121.1 | 169.8 | 180.0 | 6.6 | 87.7 |
| 471 | Yonkers | | | | | 68.0 | 129.2 | 89.0 | 38.0 | 7.8 | 58.7 | 125.4 | 338.3 | 4.6 | 77.9 |
| 472 | Asheville | | | | | 78.5 | 108.3 | 92.5 | 37.5 | 26.9 | 85.8 | 127.9 | 366.7 | 0 | 0 |
| 473 | Durham | | | | | | | | | 40.0 | | | | | |

a These figures refer to the Kingston school district, which embraces only about one-half of the entire city.

NORTH CAROLINA.

* Statistics of 1887-88.

| | | | | | | | | | | | | | | | |
|-----|----------------------|-------|-------|-------|-------|------|-------|-------|------|-------|-------|-------|-------|-----|------|
| 497 | East Liverpool..... | 125.9 | 108.5 | 13.8 | 68.2 | 62.8 | 112.4 | 122.0 | 37.7 | 100.0 | 146.7 | 251.9 | 2.1 | 0.6 | 87.5 |
| 498 | Tyler..... | 138.9 | 103.3 | 25.6 | 83.5 | 80.9 | 156.1 | 161.3 | 38.1 | 106.9 | 127.6 | 505.2 | 17.3 | 3.0 | 83.3 |
| 499 | Findlay *..... | 137.9 | 123.5 | 10.4 | 82.1 | 66.5 | 122.4 | 147.8 | 40.8 | 107.7 | 131.3 | 500.0 | 4.8 | ... | 73.5 |
| 500 | Fostoria..... | 133.3 | 96.5 | 27.6 | 83.5 | 86.6 | 118.8 | 146.1 | 43.3 | 105.8 | 122.7 | 250.3 | 3.8 | 0.8 | 78.9 |
| 501 | Fremont..... | 140.8 | 120.9 | 14.1 | 92.0 | 81.8 | 153.7 | 165.8 | 43.2 | 111.4 | 126.8 | 191.7 | 9.2 | 1.0 | 83.3 |
| 502 | Galion..... | 110.3 | 105.6 | 4.2 | 77.5 | 73.4 | 125.3 | 132.4 | 29.6 | 107.7 | 112.6 | 500.0 | 3.5 | 0.9 | 97.6 |
| 503 | Gallipolis..... | 137.1 | 137.1 | 23.1 | 107.7 | 68.6 | 123.4 | 193.9 | 34.2 | 112.3 | 144.9 | 171.4 | 7.0 | 0.6 | 73.4 |
| 504 | Greenville *..... | 104.0 | 73.7 | 23.1 | 59.4 | 80.6 | 154.0 | 113.5 | 37.7 | 83.1 | 139.9 | 412.6 | 14.0 | 1.2 | 70.8 |
| 505 | Hamilton..... | 122.8 | 107.6 | 12.1 | 82.9 | 77.1 | 141.8 | 152.5 | 31.9 | 93.8 | 113.8 | 369.0 | 7.2 | 1.0 | 89.9 |
| 506 | Ironton..... | 132.1 | 132.1 | 96.2 | 72.8 | 72.8 | 154.8 | 154.8 | 37.9 | 9.1 | 113.8 | 369.0 | 4.6 | 0 | 85.5 |
| 507 | Kenton..... | 17.4 | 81.4 | 17.4 | 81.4 | 76.2 | 132.1 | 141.1 | 35.7 | 17.2 | 145.2 | 406.7 | 2.9 | 0.7 | 90.0 |
| 508 | Lancaster..... | 14.2 | 81.4 | 14.2 | 81.4 | 76.2 | 132.1 | 141.1 | 35.7 | 17.2 | 145.2 | 406.7 | 7.1 | 1.3 | 83.6 |
| 509 | Lima..... | 106.8 | 106.8 | 106.8 | 95.2 | 89.9 | 161.4 | 170.8 | 38.5 | 5.9 | 148.9 | 479.0 | 4.9 | 0.4 | 78.5 |
| 510 | Mansfield *..... | 105.8 | 105.8 | 105.8 | 88.9 | 79.9 | 147.0 | 163.6 | 36.8 | 11.5 | 156.3 | 211.4 | 6.3 | 1.0 | 91.8 |
| 511 | Martletta *..... | 111.3 | 102.2 | 102.2 | 79.7 | 78.0 | 140.4 | 143.5 | 39.2 | 5.0 | 138.9 | 156.3 | 9.7 | ... | 80.0 |
| 512 | Martin *..... | 128.5 | 124.2 | 3.6 | 84.2 | 67.8 | 118.6 | 147.4 | 45.6 | 19.0 | 111.4 | 233.8 | 6.3 | 0.7 | 86.7 |
| 513 | Martin's Ferry..... | 90.3 | 90.3 | 90.3 | 68.1 | 75.4 | 150.7 | 136.1 | 45.5 | 13.8 | 185.7 | 433.3 | 5.4 | 1.3 | 89.0 |
| 514 | Massillon *..... | 150.6 | 123.5 | 14.0 | 57.6 | 61.0 | 117.2 | 110.7 | 29.2 | 4.0 | 106.8 | 185.7 | 5.2 | 0.9 | 83.3 |
| 515 | Middletown..... | 134.2 | 134.2 | 10.3 | 91.8 | 70.9 | 141.7 | 183.6 | 34.9 | 16.0 | 148.9 | 216.7 | 9.7 | ... | 85.0 |
| 516 | Mount Vernon *..... | 125.1 | 112.3 | 10.3 | 84.8 | 75.5 | 137.5 | 154.3 | 33.6 | 5.3 | 117.4 | 128.7 | 3.8 | ... | 83.3 |
| 517 | Newark..... | 125.7 | 95.2 | 21.2 | 70.5 | 74.0 | 145.1 | 138.3 | 31.0 | 10.9 | 134.8 | 159.0 | 5.5 | 0.5 | 82.7 |
| 518 | Norwalk..... | 152.8 | 113.2 | 22.2 | 82.9 | 73.3 | 145.4 | 164.6 | 30.1 | 19.4 | 139.7 | 216.7 | 14.5 | 2.4 | 80.7 |
| 519 | Painesville..... | 91.3 | 70.9 | 8.5 | 77.9 | 74.6 | 133.3 | 140.2 | 31.2 | 22.2 | 142.2 | 288.5 | 14.4 | 1.7 | 88.3 |
| 520 | Piqua..... | 106.4 | 89.4 | 16.0 | 82.5 | 74.9 | 139.3 | 140.2 | 33.3 | 21.7 | 127.5 | 333.3 | 8.3 | 1.3 | 84.3 |
| 521 | Porteroy..... | 112.1 | 86.2 | 23.1 | 72.1 | 74.9 | 139.3 | 140.2 | 33.3 | 21.7 | 127.5 | 333.3 | 7.0 | 0.9 | 89.9 |
| 522 | Portsmouth..... | 106.4 | 89.4 | 16.0 | 82.5 | 74.9 | 139.3 | 140.2 | 33.3 | 21.7 | 127.5 | 333.3 | 5.8 | 0.8 | 86.1 |
| 523 | Salem *..... | 112.1 | 86.2 | 23.1 | 72.1 | 74.9 | 139.3 | 140.2 | 33.3 | 21.7 | 127.5 | 333.3 | 5.1 | 1.0 | 88.0 |
| 524 | Salem *..... | 112.1 | 86.2 | 23.1 | 72.1 | 74.9 | 139.3 | 140.2 | 33.3 | 21.7 | 127.5 | 333.3 | 5.1 | 1.0 | 88.0 |
| 525 | Sandusky..... | 139.7 | 118.4 | 15.2 | 90.4 | 76.3 | 130.1 | 154.2 | 32.0 | 16.7 | 109.7 | 139.6 | 11.5 | 1.5 | 83.0 |
| 526 | Springfield..... | 97.1 | 89.5 | 21.4 | 76.0 | 78.3 | 132.7 | 132.7 | 35.2 | 10.2 | 87.8 | 126.3 | 2.8 | ... | 84.2 |
| 527 | Springfield..... | 113.8 | 89.5 | 21.4 | 69.5 | 77.7 | 148.3 | 132.7 | 35.0 | 10.2 | 87.8 | 126.3 | 6.8 | 1.6 | 81.9 |
| 528 | Staubenville..... | 127.1 | 83.3 | 34.5 | 64.1 | 77.0 | 148.6 | 123.8 | 35.3 | 7.0 | 90.1 | 140.5 | 10.9 | 1.3 | 86.9 |
| 529 | Tiffin..... | 110.7 | 100.7 | 32.8 | 56.4 | 75.9 | 151.7 | 112.8 | 37.7 | 8.7 | 87.2 | 154.6 | 288.0 | 0.8 | 86.1 |
| 530 | Toledo..... | 121.2 | 112.7 | 6.9 | 91.8 | 81.5 | 159.1 | 179.2 | 28.3 | 26.9 | 126.9 | 138.2 | 3.9 | 1.3 | 85.5 |
| 531 | Troy..... | 131.5 | 131.5 | 15.5 | 74.0 | 72.9 | 132.6 | 134.7 | 37.9 | 33.3 | 93.1 | 125.8 | 10.6 | 1.1 | 82.3 |
| 532 | Urbana *..... | 140.0 | 140.0 | 105.4 | 105.4 | 75.2 | 129.6 | 181.5 | 41.6 | 13.0 | 126.5 | 120.0 | 11.8 | ... | 82.9 |
| 533 | Van Wert..... | 106.4 | 106.4 | ... | ... | 75.3 | 143.8 | 153.0 | 36.0 | 16.0 | ... | ... | ... | 0.6 | ... |
| 534 | Warren *..... | 139.2 | 139.2 | 0.9 | 103.4 | 74.4 | 134.8 | 186.1 | 31.2 | 15.4 | ... | ... | 10.3 | 1.1 | 86.4 |
| 535 | Washington C. H..... | 118.1 | 118.1 | 95.9 | 81.2 | 81.2 | 162.4 | 191.8 | 37.6 | 7.0 | ... | ... | 10.4 | 2.1 | 77.8 |
| 536 | Wesley..... | 124.5 | 105.6 | 15.2 | 77.7 | 73.6 | 142.0 | 150.0 | 39.3 | 17.6 | 110.0 | 141.6 | 12.1 | 2.5 | 88.5 |
| 537 | Xenia *..... | 121.4 | 88.5 | 27.1 | 68.3 | 75.4 | 142.0 | 150.0 | 41.1 | 8.9 | ... | ... | 8.8 | ... | 87.8 |
| 538 | Youngstown..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3.6 | ... | 86.6 |
| 539 | Zanesville *..... | ... | ... | ... | 70.8 | 82.3 | 156.4 | 134.5 | 36.1 | 11.6 | ... | ... | 6.4 | 0.3 | 90.0 |
| 540 | Astoria..... | 134.4 | 107.8 | 19.9 | 76.0 | 70.4 | 133.1 | 143.5 | 36.1 | 8.3 | 76.8 | 100.2 | 5.7 | 0.6 | 80.1 |
| 541 | Portland..... | 108.6 | 66.7 | 21.1 | 49.7 | 57.4 | 107.8 | 93.4 | 37.3 | 23.5 | 136.7 | 271.3 | ... | ... | ... |
| 542 | Salem..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

* Statistics of 1887-'88.

| | | | | | | | | | | |
|-----|-----------------|-------|------|-------|------|------|-------|-------|------|------|
| 570 | Harrisburg | 8.3 | 66.6 | 130.1 | 36.7 | 13.3 | 151.3 | 323.8 | 5.7 | 73.7 |
| 571 | Hazleton | 20.2 | 74.4 | 133.3 | 43.1 | 16.7 | 126.7 | 328.0 | 3.7 | 84.8 |
| 572 | Honesdale | 11.7 | 83.5 | 141.3 | 43.7 | 23.1 | 123.3 | 350.0 | 19.1 | 90.0 |
| 573 | Huntington | | 76.0 | 152.7 | 46.8 | 16.7 | | | 10.5 | 83.3 |
| 574 | Johnstown | | 90.3 | 136.8 | 40.7 | 20.0 | | | 2.1 | 82.5 |
| 575 | Lancaster | | 64.7 | 129.3 | 40.8 | 10.3 | | | 6.2 | 82.8 |
| 576 | Lebanon | 9.2 | 88.1 | 160.0 | 40.9 | 18.9 | 113.7 | 262.5 | 4.8 | 88.0 |
| 577 | Lock Haven | 14.4 | 83.1 | | 45.3 | 34.4 | 122.5 | 375.0 | 6.4 | 89.8 |
| 578 | McKeesport | 12.6 | 78.6 | 140.6 | 41.6 | 8.5 | 123.1 | 269.2 | 1.3 | 1.7 |
| 579 | Mahanoy | 10.1 | 73.3 | 132.0 | 43.8 | 17.9 | 100.7 | 515.0 | 6.3 | 1.5 |
| 580 | Mauch Chunk | 5.4 | 84.3 | | 35.2 | 20.0 | | | 3.3 | 89.8 |
| 581 | Meadville | 17.8 | 81.6 | 147.0 | 34.3 | 4.3 | 158.7 | 480.0 | 8.2 | 82.8 |
| 582 | Mechanicsburgh | 0 | 83.9 | 146.9 | 36.2 | 36.9 | 135.3 | 162.5 | 8.2 | 89.1 |
| 583 | Middletown | | 78.4 | | 40.8 | | | | | |
| 584 | Monongahela | 2.7 | 70.3 | 112.4 | 39.0 | 6.3 | 100.3 | 500.0 | | 89.1 |
| 585 | Nanticoke | 13.9 | 73.3 | 132.0 | 45.3 | 11.5 | 102.6 | 232.4 | 3.6 | 88.1 |
| 586 | New Brighton | 8.7 | 71.8 | 129.2 | 44.1 | 5.9 | 120.0 | 450.0 | 4.0 | 83.3 |
| 587 | New Castle | 21.8 | 75.6 | 136.1 | 39.4 | 11.9 | 49.2 | 49.2 | 0.4 | 87.7 |
| 588 | Norristown | 12.0 | 70.1 | 140.4 | | | | | 5.0 | |
| 589 | Oil City | | 74.5 | | 42.3 | 5.6 | 108.3 | 235.7 | | 66.0 |
| 590 | Philadelphia | 13.5 | 59.2 | 121.2 | 37.4 | 4.0 | 123.0 | 466.3 | 1.9 | 92.3 |
| 591 | Pittsboro | 1.4 | 75.7 | 136.2 | 37.4 | 7.1 | 133.7 | 350.0 | 4.7 | 95.2 |
| 592 | Pittsburgh | 103.4 | 72.8 | 145.7 | 36.8 | 7.4 | 119.5 | 400.0 | 2.2 | 78.3 |
| 593 | Pittston | 28.7 | 76.5 | 137.8 | 39.3 | 13.0 | | | 5.0 | 81.3 |
| 594 | Plymouth | 37.2 | 67.3 | 167.7 | 42.5 | 26.1 | 128.0 | 312.5 | 3.2 | 68.1 |
| 595 | Pottsville | 23.7 | 75.7 | 149.1 | 36.8 | 18.6 | 144.1 | 117.2 | 4.7 | 81.3 |
| 596 | Pottsville | | 72.9 | 145.7 | 34.6 | | | | 5.2 | 96.7 |
| 597 | Reading | 7.5 | 81.8 | 163.5 | 35.8 | 3.4 | 100.5 | 357.1 | 4.8 | |
| 598 | Reading | 12.6 | 73.5 | | 34.5 | 23.1 | | | 8.0 | |
| 599 | Scranton | | 61.1 | | 39.2 | 27.3 | | | | 71.7 |
| 600 | Scranton | | 82.3 | 100.4 | 43.7 | 9.5 | 102.9 | 281.2 | 3.2 | |
| 601 | Shamokin | | 71.4 | | 48.5 | 21.1 | 120.2 | 210.6 | | |
| 602 | Sharon | | 80.3 | | 42.7 | 8.3 | 112.7 | 288.8 | | 88.5 |
| 603 | Shenandoah | 3.9 | 70.0 | 126.0 | 45.8 | 16.3 | 138.8 | 351.3 | 2.8 | 86.7 |
| 604 | South Bethlehem | 7.5 | 71.7 | 143.4 | 40.4 | 36.4 | 145.9 | 453.3 | 4.8 | 82.5 |
| 605 | South Easton | 14.4 | 72.3 | 144.6 | 41.0 | 40.9 | 145.3 | 178.6 | 7.2 | 81.7 |
| 606 | Steelton | 9.9 | 86.7 | 156.2 | 45.2 | 50.0 | 126.9 | 249.0 | 5.2 | |
| 607 | Sunbury | | 78.7 | | 43.4 | 38.9 | | | | |
| 608 | Susquehanna | | 61.3 | 110.3 | 37.8 | 11.1 | | | | 81.0 |
| 609 | Tamaqua | | 66.0 | | 48.4 | 11.8 | 146.0 | 400.0 | 8.0 | 79.8 |
| 610 | Titusville | | 76.7 | 145.8 | 35.2 | 2.9 | 128.0 | 355.2 | 9.8 | |
| 611 | Towanda | | 67.2 | | 31.9 | 13.3 | | | | |
| 612 | Uniontown | 3.9 | 62.6 | 99.4 | 35.5 | 12.0 | 165.6 | 333.3 | | 83.1 |
| 613 | Warren | 23.7 | 75.8 | 136.7 | 33.9 | 5.3 | 131.2 | 200.0 | 9.5 | 63.9 |
| 614 | Washington | 15.3 | 73.8 | 132.7 | 39.0 | 4.8 | 117.2 | 319.3 | 7.3 | 68.9 |
| 615 | West Chester | 23.3 | 61.1 | 119.7 | 28.1 | 3.8 | 155.9 | 274.0 | 6.4 | |
| 616 | Wilkes Barre | 13.0 | 71.8 | 125.7 | 45.0 | 19.3 | | | 1.5 | 83.9 |
| 617 | Williamsport | 16.8 | 71.8 | 129.4 | 38.1 | 15.5 | 123.6 | 382.7 | 4.2 | 79.5 |
| 618 | York | 8.6 | 70.5 | 127.0 | 36.5 | 30.6 | 134.8 | 190.6 | 3.1 | |

* Statistics of 1887-88.

TABLE 20.—Comparative statistics for 1888-89 of enrollment, attendance, teachers, and accommodations in schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | 1 | Ratio of total public and private school enrollment to population 6-14. | | Ratio of public-school enrollment to population 6-14. | Ratio of private-school enrollment to total public and private school enrollment. | Ratio of average daily attendance in public day schools to— | | Average number of days' attendance of each pupil enrolled. | | Total attendance is equivalent to attendance of entire population 6-14 for— | Number of pupils in average daily attendance to each teacher. | Proportion of males in entire supervising and teaching force. | Number of seats or sittings for study to each 100 of— | | Average number of sittings to a building. | | High schools. | | |
|------------------------|---|-------------------------------------------------------------------------|---------|-------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------|-------------|------------------------------------------------------------|-------|-----------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------|---------|-------------------------------------------|---------|---------------|---------|---------|
| | | Per ct. | Per ct. | Per ct. | Per ct. | Population 6-14. | Enrollment. | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | | |
| | | | | | | | | | | | | | | | | | | | |
| | | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Days. | Days. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. |
| RHODE ISLAND. | | | | | | | | | | | | | | | | | | | |
| 619 Bristol..... | | 124.7 | 120.5 | 3.3 | 83.2 | 69.0 | 138.1 | 166.4 | 33.2 | 12.5 | 110.8 | 133.2 | 151.4 | 4.5 | 4.5 | Per ct. | Per ct. | Per ct. | Per ct. |
| 620 Central Falls..... | | 106.7 | 82.2 | 23.0 | 70.2 | 43.9 | 87.8 | 140.4 | 44.8 | 3.7 | 82.1 | 115.5 | 233.3 | 7.0 | 7.0 | 0 | 0 | 0 | 0 |
| 621 Newport..... | | 134.3 | 126.8 | 10.3 | 73.1 | 57.6 | 170.8 | 146.1 | 40.8 | 13.2 | 114.8 | 116.9 | 217.0 | 5.3 | 5.3 | 0 | 0 | 0 | 0 |
| 622 Pawtucket..... | | 124.8 | 112.4 | 16.3 | 70.2 | 62.4 | 115.2 | 146.1 | 33.8 | 6.4 | 60.3 | 157.0 | 210.9 | 4.0 | 4.0 | 0.3 | 0.3 | 0.3 | 0.3 |
| 623 Providence..... | | 124.8 | 70.1 | 43.8 | 39.8 | 56.8 | 110.8 | 77.6 | 30.2 | 11.1 | 60.3 | 151.6 | 137.4 | 4.0 | 4.0 | 0.5 | 0.5 | 0.5 | 0.5 |
| 624 Woonsocket..... | | | | | | | | | | | | | | | | | | | |
| SOUTH CAROLINA. | | | | | | | | | | | | | | | | | | | |
| 625 Charleston..... | | 134.2 | 89.9 | 33.0 | 80.9 | 89.9 | 165.6 | 149.0 | 43.6 | 10.7 | 83.2 | 102.9 | 800.0 | 4.7 | 4.7 | 0.3 | 0.3 | 0.3 | 0.3 |
| 626 Columbia..... | | | | 9.9 | | 68.0 | 118.9 | | 44.1 | 86.2 | | 96.1 | 298.0 | | | | | | |
| 627 Greenville*..... | | | | | | 44.4 | 118.7 | | 34.0 | 22.2 | | 100.0 | | | 0 | | | | |
| 628 Spartanburg..... | | | | 12.3 | | 66.7 | | | 45.5 | 30.8 | | | 100.0 | | | | | | |
| TENNESSEE. | | | | | | | | | | | | | | | | | | | |
| 629 Chattanooga..... | | 142.1 | 111.9 | 21.2 | 68.6 | 61.3 | 108.5 | 121.4 | 46.2 | 22.7 | 85.7 | 124.9 | 680.0 | 3.4 | 3.4 | 0.6 | 0.6 | 0.6 | 0.6 |
| 630 Clarksville..... | | 108.5 | 91.6 | 15.5 | 64.1 | 69.9 | 156.0 | 107.9 | 55.7 | 13.6 | 72.4 | 112.8 | 547.0 | 3.9 | 3.9 | 0.8 | 0.8 | 0.8 | 0.8 |
| 631 Jackson..... | | 80.8 | 69.2 | 17.5 | 60.0 | 86.7 | 145.5 | 106.2 | 44.9 | 33.5 | 58.6 | 103.3 | 288.9 | 4.4 | 4.4 | 0.6 | 0.6 | 0.6 | 0.6 |
| 632 Knoxville..... | | 83.9 | 72.9 | 9.7 | 56.7 | 77.9 | 145.5 | 106.2 | 37.6 | 12.6 | 58.3 | 107.1 | 291.7 | 6.1 | 6.1 | 0.3 | 0.3 | 0.3 | 0.3 |
| 633 Memphis..... | | 73.8 | 71.8 | 8.8 | 59.6 | 57.0 | 99.2 | 107.8 | 43.6 | 25.3 | 58.3 | 97.9 | 482.3 | 0 | 0 | 0.8 | 0.8 | 0.8 | 0.8 |
| 634 Nashville..... | | 120.7 | 108.3 | 10.3 | 65.4 | 83.0 | 150.1 | 107.8 | 47.9 | 25.0 | 99.3 | 151.8 | 266.7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 635 Union City..... | | | | | | | | | | | | | | | | | | | |
| TEXAS. | | | | | | | | | | | | | | | | | | | |
| 636 Austin..... | | 69.4 | 54.0 | 22.2 | 48.6 | 90.1 | 156.8 | 84.7 | 39.3 | 16.1 | 59.7 | 122.7 | 206.7 | 4.8 | 4.8 | 1.0 | 1.0 | 1.0 | 1.0 |
| 637 Brenham..... | | 91.2 | 91.2 | 0 | 49.9 | 54.7 | 103.5 | 94.4 | 29.5 | 31.8 | 50.0 | 200.3 | 295.0 | 7.5 | 7.5 | 1.0 | 1.0 | 1.0 | 1.0 |
| 638 Brownsville..... | | 36.8 | 26.6 | 27.7 | 20.1 | 75.5 | 144.1 | 38.4 | 32.8 | 25.0 | 25.5 | 136.9 | 83.3 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | |
|----------------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 639 | Dallas | 42.7 | 25.0 | 56.1 | 112.1 | 91.2 | 36.7 | 69.7 | 133.7 | 223.3 | 3.4 | 0.4 |
| 640 | Denison | 81.8 | 52.1 | 60.3 | 109.1 | 89.2 | 37.7 | 54.2 | 109.9 | 223.3 | 5.5 | 0.4 |
| 641 | El Paso | 86.2 | 43.3 | 60.3 | 109.1 | 89.2 | 36.2 | 54.2 | 109.9 | 223.3 | 4.8 | 0.8 |
| 642 | Fort Worth | 99.5 | 62.3 | 71.7 | 128.9 | 112.1 | 40.6 | 67.5 | 108.3 | 226.3 | 6.2 | 0.3 |
| 643 | Galveston | 57.6 | 33.0 | 74.2 | 123.2 | 47.5 | 33.5 | 38.2 | 133.4 | 305.7 | 8.5 | 0.7 |
| 644 | Houston | 55.3 | 33.6 | 66.5 | 115.8 | 58.4 | 38.8 | 32.7 | 116.4 | 201.7 | 3.2 | 0.3 |
| 645 | Marshall | 66.3 | 43.0 | 64.9 | 64.9 | 44.0 | 43.0 | 55.6 | 106.7 | 166.7 | 13.0 | 0.5 |
| 646 | Palestine | 26.8 | 39.5 | 67.5 | 121.4 | 71.1 | 37.2 | 50.3 | 127.2 | 335.0 | 3.9 | 0.3 |
| 647 | Paris | 58.5 | 20.4 | 64.0 | 128.1 | 40.8 | 35.4 | 60.2 | 148.6 | 310.5 | ..... | ..... |
| 648 | San Antonio* | 31.8 | 51.8 | 73.8 | 132.9 | 93.3 | 47.5 | 30.3 | 116.3 | 330.0 | ..... | ..... |
| 649 | Sherman | 70.2 | 50.7 | 59.1 | ..... | ..... | 36.5 | 75.1 | 148.2 | 200.0 | 3.1 | 0.1 |
| 650 | Waco | 85.9 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| UTAH. | | | | | | | | | | | | |
| 651 | Logan | 93.4 | 9.6 | 40.5 | 78.5 | 66.3 | 57.0 | 60.0 | 187.9 | 211.7 | 6.0 | ..... |
| 652 | Ogden City | 52.6 | 35.1 | 68.6 | 133.8 | 70.4 | 75.1 | 40.0 | 67.8 | 187.9 | ..... | 86.7 |
| 653 | Provo City* | 92.4 | 34.2 | 37.0 | 125.0 | ..... | 27.0 | 54.5 | 235.7 | 175.0 | ..... | ..... |
| 654 | Salt Lake City | 30.0 | ..... | 71.4 | ..... | ..... | 50.0 | 41.2 | ..... | ..... | ..... | ..... |
| VERMONT. | | | | | | | | | | | | |
| 655 | Bennington* | ..... | 25.2 | 78.5 | 153.0 | ..... | 33.4 | 28.5 | 140.5 | 656.0 | 9.6 | 84.2 |
| 656 | Brattleboro | 137.4 | 19.2 | 94.3 | 167.8 | 212.9 | 26.7 | 7.4 | 136.3 | 113.4 | 21.2 | 2.7 |
| 657 | Burlington | 226.9 | 80.2 | 67.3 | 133.9 | 135.6 | 28.9 | 9.1 | ..... | ..... | 11.4 | 2.0 |
| 658 | Rutland | 51.4 | 27.5 | 86.0 | 163.3 | 60.9 | 32.3 | 3.6 | 35.3 | 110.4 | 5.8 | 85.2 |
| 659 | St. Albans* | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 7.9 | 2.4 |
| 660 | St. Johnsbury & | ..... | 41.7 | 87.5 | ..... | ..... | 13.4 | 0 | 198.5 | 100.0 | 26.1 | 1.8 |
| VIRGINIA. | | | | | | | | | | | | |
| 661 | Alexandria | ..... | ..... | 77.2 | 149.0 | 92.1 | 45.9 | 25.0 | 57.5 | 310.0 | ..... | ..... |
| 662 | Danville | 82.8 | 53.5 | 64.6 | 118.9 | 98.4 | 29.6 | 19.4 | 70.4 | 403.3 | 5.0 | ..... |
| 663 | Fredricksburgh | 104.2 | 75.8 | 79.2 | 148.8 | 142.5 | 51.6 | 15.3 | 102.4 | 172.0 | 5.2 | 0.2 |
| 664 | Lynchburgh* | 102.7 | 88.4 | 67.9 | 148.3 | 131.1 | 40.3 | 27.1 | 77.1 | 270.0 | 6.8 | 77.6 |
| 665 | Manchester | ..... | 48.9 | 64.0 | 113.6 | 86.9 | 45.3 | 33.3 | 72.0 | 500.0 | 3.0 | ..... |
| 666 | Norfolk | 59.2 | 41.2 | 69.6 | 131.6 | 77.7 | 54.8 | 19.4 | 43.5 | 117.6 | 285.7 | ..... |
| 667 | Petersburgh | ..... | 15.8 | 71.2 | 134.8 | ..... | 11.8 | 48.5 | 106.5 | 247.6 | 5.9 | 0.6 |
| 668 | Portsmouth | 109.0 | 56.2 | 68.7 | 137.4 | 112.5 | 45.1 | 13.0 | 66.3 | 407.3 | 3.2 | 0.6 |
| 669 | Richmond | 119.2 | 77.8 | 82.5 | 149.2 | 140.7 | 41.9 | 19.9 | 82.7 | 415.8 | 8.9 | 0.8 |
| 670 | Roanoke | 224.9 | 107.3 | 47.7 | 76.3 | 171.6 | 57.9 | 21.4 | 185.2 | 466.7 | ..... | ..... |
| 671 | Staunton | 122.2 | 81.6 | 77.4 | 131.3 | 138.4 | 39.8 | 31.8 | 111.9 | 137.1 | 600.0 | 86.2 |
| 672 | Winchester* | 87.9 | 57.9 | 72.1 | 133.6 | 107.3 | 47.3 | 33.3 | 81.7 | 141.1 | 400.0 | 0.2 |
| WASHINGTON. | | | | | | | | | | | | |
| 673 | Seattle | 81.4 | 48.7 | 59.7 | ..... | ..... | 46.4 | 7.7 | 74.7 | 120.0 | 3.2 | 64.0 |
| 674 | Spokane Falls | 190.1 | 81.6 | 51.3 | 102.7 | 163.2 | 46.3 | 11.1 | 118.6 | 274.4 | ..... | ..... |
| 675 | Takoma | 215.7 | 107.1 | 54.0 | 108.0 | 214.1 | 42.7 | 6.4 | 56.4 | 206.0 | 3.2 | ..... |
| 676 | Walla Walla | 135.8 | 50.6 | 48.1 | 96.2 | 101.2 | 41.4 | ..... | ..... | ..... | ..... | ..... |
| WEST VIRGINIA. | | | | | | | | | | | | |
| 677 | Charleston | 108.1 | 72.2 | 66.8 | 117.5 | 127.0 | 30.1 | 18.9 | 86.8 | 104.6 | 3.4 | 0.5 |
| 678 | Grafton | 134.1 | 83.0 | 72.2 | 115.6 | 132.8 | 40.6 | 31.8 | 96.8 | 167.7 | 6.3 | 84.2 |
| 679 | Martinsburgh | 103.5 | 91.3 | 88.2 | 167.5 | 173.4 | 53.7 | 31.3 | 54.2 | 59.3 | 13.3 | 0.1 |

* Owing to a change in the school year this report covers the period between April 1, 1889, and June 30, 1889.

* Statistics of 1887-88.

TABLE 20.—Comparative statistics for 1888-89 of enrollment, attendance, teachers, and accommodations in schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | 1 | 2 | 3 | 4 | Ratio of average daily attendance in public day schools to— | | 7 | 8 | 9 | 10 | Number of seats or sittings for study to each 100 of— | | 13 | High schools. | | |
|--------------------------|---------|---------|---------|---------|-------------------------------------------------------------|-------------|-------|-------|-------|---------|-------------------------------------------------------|---------------------------|---------|--------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------|
| | | | | | Population 6-14. | Enrollment. | | | | | Population 6-14. | Average daily attendance. | | Ratio of enrollment to total public-school enrollment. | Proportion of graduates to total public-school enrollment. | Ratio of average daily attendance to enrollment. |
| | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | Per ct. | | Days. | | Per ct. | | | Per ct. | Per ct. | Per ct. | Per ct. |
| WEST VIRGINIA—continued. | | | | | | | | | | | | | | | | |
| 680 Parkersburg..... | 144.8 | 126.2 | 126.2 | 12.9 | 86.2 | 68.3 | 131.1 | 165.4 | 31.0 | 13.5 | 113.8 | 132.1 | 279.8 | 6.1 | 0.6 | 63.2 |
| 681 Wheeling..... | 100.4 | 87.0 | 87.0 | 13.4 | 67.1 | 77.0 | 154.3 | 134.2 | 34.5 | 9.7 | 83.9 | 125.1 | 416.7 | 8.5 | 0.7 | 86.4 |
| WISCONSIN. | | | | | | | | | | | | | | | | |
| 682 Appleton..... | 129.2 | 99.8 | 99.8 | 22.6 | 76.6 | 76.7 | 132.0 | 131.7 | 33.9 | 21.2 | 122.5 | 159.6 | 325.0 | 11.3 | 5.1 | 64.8 |
| 683 Baraboo..... | 155.9 | 161.8 | 161.8 | 2.5 | 110.2 | 68.1 | 120.8 | 195.4 | 37.6 | 9.5 | 123.3 | 111.9 | 266.7 | 8.1 | 1.0 | 77.6 |
| 684 Beaver Dam*..... | 108.9 | 91.6 | 91.6 | 15.9 | 66.3 | 72.4 | 144.8 | 132.7 | 41.1 | 7.1 | 103.8 | 156.5 | 225.0 | 9.6 | 0.7 | 84.2 |
| 685 Beloit..... | 150.7 | 146.9 | 146.9 | 2.5 | 98.7 | 67.2 | 124.9 | 179.2 | 36.1 | 4.5 | 198.7 | 201.2 | 400.0 | 5.9 | 0.3 | 73.6 |
| 686 Berlin..... | 146.0 | 120.9 | 120.9 | 17.2 | 82.0 | 67.8 | 121.9 | 147.4 | 29.4 | 28.0 | 149.2 | 182.0 | 356.7 | 13.4 | 1.7 | 86.2 |
| 687 Chippewa Falls..... | 162.1 | 83.0 | 83.0 | 48.8 | 60.6 | 72.9 | 130.3 | 108.3 | 30.7 | 11.5 | 79.1 | 130.4 | 166.7 | 11.6 | 1.0 | 77.9 |
| 688 Eau Claire..... | 145.4 | 115.4 | 115.4 | 20.6 | 69.2 | 59.6 | 107.7 | 124.4 | 36.2 | 20.4 | 107.8 | 155.8 | 221.2 | 6.7 | 0.2 | 63.7 |
| 689 Fond du Lac..... | 112.4 | 88.5 | 88.5 | 21.2 | 66.9 | 75.6 | 148.2 | 131.2 | 36.6 | 4.2 | 111.4 | 166.5 | 155.5 | 6.5 | 0.5 | 83.7 |
| 690 Fort Howard..... | 142.7 | 104.4 | 104.4 | 26.9 | 66.5 | 63.7 | 121.2 | 126.6 | 37.0 | ..... | 102.9 | 163.5 | 141.7 | 5.0 | 1.1 | 96.3 |
| 691 Green Bay..... | 142.6 | 91.1 | 91.1 | 36.1 | 65.3 | 71.7 | 141.3 | 128.8 | 28.9 | 4.1 | 102.9 | 157.5 | 233.3 | 6.6 | 0.2 | 84.1 |
| 692 Janesville..... | 125.6 | 75.0 | 75.0 | 15.3 | ..... | 72.9 | 138.5 | ..... | ..... | ..... | 78.0 | 140.3 | 284.2 | 6.4 | 1.0 | 85.0 |
| 693 Kenosha..... | 125.6 | 75.0 | 75.0 | 41.2 | ..... | 72.9 | 138.5 | ..... | 28.9 | 6.9 | 78.0 | 140.3 | 284.2 | 6.4 | 1.0 | 85.0 |
| 694 La Crosse..... | 142.5 | 116.1 | 116.1 | 18.5 | 76.1 | 65.6 | 128.9 | 149.7 | 37.1 | 10.7 | 98.6 | 139.5 | 300.0 | 4.0 | 0.7 | 69.6 |
| 695 Madison..... | 118.2 | 88.1 | 88.1 | 25.5 | 71.3 | 80.9 | 149.7 | 131.9 | 35.3 | 6.5 | 85.4 | 119.7 | 211.1 | 16.5 | 1.8 | 95.1 |
| 696 Marinette..... | 104.5 | 60.0 | 60.0 | 39.7 | 55.5 | 92.3 | 175.4 | 105.3 | 38.2 | 4.0 | 81.4 | ..... | ..... | ..... | ..... | 75.8 |
| 697 Menasha..... | 93.6 | 158.5 | 158.5 | ..... | ..... | 71.2 | 128.2 | 203.3 | 38.1 | 9.1 | 85.7 | 154.8 | 92.9 | 10.9 | 2.0 | 80.0 |
| 698 Menomonee..... | 170.9 | 141.3 | 141.3 | 17.3 | 91.1 | 64.5 | 109.5 | 154.8 | 38.6 | 7.7 | 134.9 | 119.4 | 162.9 | 8.5 | 0.9 | 62.5 |
| 699 Merrill..... | 170.9 | 141.3 | 141.3 | 17.3 | 91.1 | 64.5 | 109.5 | 154.8 | 38.6 | 6.3 | 134.9 | 119.4 | 162.9 | 7.3 | 0.5 | 71.4 |
| 700 Milwaukee..... | 182.4 | 82.9 | 82.9 | ..... | 56.6 | 71.8 | 123.9 | 107.7 | 47.5 | ..... | 69.9 | 117.4 | 638.8 | 1.8 | 0.2 | 87.4 |
| 701 Monroe..... | 182.4 | 182.4 | 182.4 | 0 | ..... | ..... | ..... | ..... | ..... | 5.9 | 162.8 | ..... | 333.3 | 11.2 | 1.5 | 87.2 |

| | | | | | | | | | | | | | | | | |
|----------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 702 | Nearah..... | 113.4 | 94.0 | 17.2 | 64.5 | 68.6 | 126.1 | 118.5 | 35.7 | 15.0 | 116.3 | 181.0 | 240.0 | 9.0 | 0.1 | 72.4 |
| 703 | Oconto..... | ..... | 100.5 | ..... | 92.9 | 92.4 | 185.8 | 184.8 | 45.3 | 33.3 | 101.9 | 109.7 | 186.5 | 8.4 | 1.4 | 75.6 |
| 704 | Oshkosh..... | ..... | 67.2 | ..... | ..... | ..... | 131.5 | 88.4 | ..... | 16.1 | ..... | ..... | ..... | 5.6 | ..... | ..... |
| 705 | Portage..... | ..... | 102.8 | 22.5 | 65.9 | 64.1 | 128.2 | 131.7 | 29.9 | ..... | 140.2 | 212.9 | 242.0 | 14.2 | 1.9 | ..... |
| 706 | Racine..... | ..... | 80.0 | 23.8 | 61.3 | 76.4 | 152.3 | 122.1 | 40.1 | 20.6 | 81.6 | 133.1 | 400.0 | 3.9 | 0.7 | 85.3 |
| 707 | Sheboygan..... | ..... | 86.5 | 30.8 | 58.2 | 67.3 | 130.5 | 112.9 | 44.2 | 25.7 | 85.3 | 146.5 | 410.0 | 2.8 | 0.3 | 74.6 |
| 708 | Stevens Point..... | ..... | 94.9 | 27.3 | 58.0 | 61.1 | 116.1 | 110.3 | 22.5 | 7.7 | 92.3 | 100.1 | 185.7 | 5.6 | 0.8 | 82.4 |
| 709 | Watertown..... | ..... | 67.6 | 42.5 | 48.6 | 71.9 | 143.9 | 97.2 | 36.5 | 12.5 | 64.3 | 127.8 | 224.0 | 14.2 | ..... | 69.9 |
| 710 | Waukesha..... | ..... | 166.2 | 15.6 | 110.0 | 66.2 | 122.4 | 208.0 | 36.8 | 11.1 | 140.8 | 128.0 | 266.7 | 11.0 | 1.1 | 72.0 |
| 711 | Watson..... | ..... | 100.2 | 18.8 | 72.5 | 72.3 | ..... | ..... | 43.6 | 12.0 | 84.5 | 116.6 | 127.0 | 3.9 | ..... | 80.0 |
| 712 | White Water..... | ..... | 109.3 | 14.9 | 75.4 | 69.1 | 135.3 | 147.7 | 33.3 | 23.5 | 105.1 | 139.4 | 348.5 | 8.7 | 1.1 | 67.5 |
| 713 | Cheyenne..... | ..... | ..... | 13.6 | ..... | 65.3 | 121.4 | ..... | 26.9 | 16.7 | ..... | 137.5 | 283.3 | 7.5 | 0.5 | 90.1 |
| WYOMING. |  | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

* Statistics of 1887-88.

TABLE 21.—Comparative statistics for 1888-89 of property and expenditures of public schools of cities and villages containing over 4,000 inhabitants.

| City. | Cash value of taxable property in city per capita of population 6-14. | Ratio of value of school property to total taxable property. | Value of school property per capita of— | | Cost of supervision and teaching per capita of— | | Cost of incidentals per capita of— | | Ratio of cost of tuition and incidentals to total cash value of taxable property in city. | Average cost per day of tuition and incidentals for each pupil. |
|----------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|---------------------------|-------------------------------------------------|---------------------------|------------------------------------|---------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| | | | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| ALABAMA. | | | | | | | | | | |
| | | <i>Per cent.</i> | | | | | | | <i>Mills per dollar.</i> | <i>Cents.</i> |
| 1 Birmingham..... | \$4,436 | 0.47 | \$20.94 | \$85.46 | \$3.90 | \$15.91 | \$0.91 | \$3.73 | 1.07 | 11.0 |
| 2 Eufaula *..... | 1,857 | 0.13 | 2.35 | 8.52 | 1.46 | 5.29 | | | | |
| 3 Huntsville..... | | | 6.37 | 19.51 | 2.14 | 6.56 | 0.34 | 1.04 | | 4.7 |
| 4 Lively *..... | 581 | 0.30 | 1.75 | 7.35 | 1.16 | 4.90 | 0.08 | 0.35 | 2.05 | 4.2 |
| 5 Mobile *..... | | | 12.28 | 24.02 | | | | | | |
| 6 Montgomery..... | 5,837 | 0.35 | 20.48 | | | | | | | |
| 7 Selma *..... | | | | | 5.43 | 14.18 | 2.02 | 5.26 | | |
| 8 Tuscaloosa..... | | | 19.45 | | 4.28 | | 0.44 | | | |
| ARIZONA. | | | | | | | | | | |
| 9 Tucson *..... | | | | 240.10 | | 30.74 | | 0.83 | | |
| ARKANSAS. | | | | | | | | | | |
| 10 Fort Smith..... | 4,657 | 2.50 | 116.38 | 175.05 | 10.02 | 15.07 | 2.05 | 3.08 | 2.59 | 10.9 |
| 11 Helena *..... | 2,885 | 1.11 | 31.93 | 115.67 | 4.81 | 17.40 | 0.99 | 3.59 | 2.01 | 12.6 |
| 12 Little Rock..... | 3,579 | 0.93 | 34.02 | 69.60 | 6.32 | 12.93 | | | | |
| 13 Pine Bluff *..... | | | 14.92 | 24.78 | 6.71 | 11.15 | 0.58 | 0.97 | | 6.7 |
| 14 Texarkana *..... | 2,148 | 1.47 | 31.51 | 35.02 | 10.60 | 11.78 | 0.82 | 0.91 | 5.31 | 7.9 |
| CALIFORNIA. | | | | | | | | | | |
| 15 Chico..... | 3,457 | 2.78 | 95.98 | 103.88 | 14.49 | 15.68 | 1.91 | 2.07 | 4.75 | 9.9 |
| 16 Eureka..... | 7,337 | 1.34 | 98.90 | 103.81 | 14.00 | 14.69 | 1.66 | 1.75 | 2.14 | 9.2 |
| 17 Los Angeles..... | 2,275 | 0.35 | 78.90 | 80.06 | 21.21 | 21.52 | 4.18 | 4.24 | 1.12 | 15.2 |
| 18 Marysville..... | 6,593 | 0.66 | 44.21 | 80.88 | 12.37 | 22.63 | 6.87 | 12.57 | 2.92 | 21.1 |
| 19 Oakland..... | 4,613 | 1.16 | 53.91 | 68.34 | 19.68 | 24.95 | 4.05 | 5.14 | 5.14 | 16.0 |
| 20 Pasadena..... | | | 127.12 | 139.42 | | | | | | |
| 21 Riverside..... | | | | | | 17.61 | | | | |
| 22 Sacramento..... | 4,110 | 1.45 | 59.75 | 90.39 | 15.51 | 23.46 | 3.54 | 5.36 | 4.64 | 14.0 |
| 23 San Francisco..... | 6,725 | 1.75 | 117.35 | 157.53 | | | | | | |
| 24 San José..... | 5,256 | 1.41 | 74.35 | 109.18 | 13.62 | 20.00 | 3.77 | 5.54 | 3.31 | 13.0 |
| 25 Santa Cruz..... | 4,921 | 1.00 | 49.47 | 54.84 | 14.92 | 16.52 | 1.99 | 2.21 | 3.43 | 10.0 |
| 26 Santa Rosa..... | | 0.61 | | 46.39 | | 18.39 | | 4.84 | 2.97 | 12.4 |
| 27 Vallejo..... | | | 39.89 | 42.82 | 14.86 | 15.95 | 2.33 | 2.56 | | 11.3 |
| 28 Woodland..... | 4,918 | 1.18 | 59.04 | 71.60 | 13.71 | 17.25 | 2.87 | 3.53 | 3.37 | 11.9 |
| COLORADO. | | | | | | | | | | |
| 29 Aspen..... | 6,900 | 1.00 | 69.00 | 50.25 | 28.83 | 21.00 | 35.18 | 25.63 | 9.27 | 27.8 |
| 30 Colorado Springs..... | 3,945 | 3.23 | 127.40 | 156.20 | 18.48 | 22.67 | 15.08 | 18.62 | 8.54 | 22.3 |
| 31 Denver (district No. 1) | | | | | | 21.99 | | 7.45 | | |
| 32 Leadville..... | 5,879 | 2.21 | 129.50 | 176.30 | 11.77 | 16.04 | 15.94 | 21.72 | 4.77 | 24.4 |
| 33 Pueblo (district No. 1) | | | | | | 26.49 | | | | |
| CONNECTICUT. | | | | | | | | | | |
| 34 Bridgeport..... | | | | | 10.04 | 13.45 | 2.69 | 3.60 | | |
| 35 Bristol..... | | | | | | | | | | |
| 36 Hartford..... | 7,310 | | | | 20.11 | | 6.72 | | 3.68 | |
| 37 Meriden..... | | | 85.64 | 119.32 | 11.89 | 16.57 | 4.65 | 6.48 | | 11.6 |
| 38 Middletown..... | | | | | 13.08 | 18.58 | 7.03 | 9.99 | | |
| 39 New Britain..... | 2,574 | 3.64 | 93.77 | 163.36 | | | | | | |
| 40 New Haven..... | 5,450 | 1.37 | 74.51 | 84.19 | 15.90 | 17.93 | 4.00 | 4.52 | 3.65 | 11.5 |
| 41 New London..... | | | | | 11.84 | 12.63 | 4.59 | 4.89 | | |
| 42 Norwich..... | | | 165.85 | 191.95 | 19.89 | 23.02 | 6.80 | 7.87 | | 15.9 |
| 43 Rockville..... | | | 62.58 | 78.89 | 9.86 | 12.43 | 5.53 | 6.97 | | 10.8 |
| 44 South Norwalk..... | | | | 50.00 | | 12.63 | | | | |
| 45 Stamford..... | | | | | | | | | | |
| 46 Thompsonville..... | | | | | 6.61 | 10.80 | | | | |
| 47 Willimantic..... | 3,399 | 0.99 | 33.63 | 119.23 | 4.51 | 16.00 | 1.36 | 4.83 | 1.73 | 10.4 |

* Statistics of 1887-88.

TABLE 21.—Comparative statistics for 1888-89 of property and expenditures of public schools of cities and villages containing over 4,000 inhabitants—Continued.

| | City. | Cash value of taxable property in city per capita of population 6-14. | Ratio of value of school property to total taxable property. | Value of school property per capita of— | | Cost of super- vision and teaching per capita of— | | Cost of inci- dentials per capita of— | | Ratio of cost of tuition and incidentals to total cash value of taxable property in city. | Average cost per day of tuition and incidentals for each pupil. |
|----|-----------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|----------|------------------------------------------------------------|-------|---------------------------------------------|--------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |  |  | 10 | 11 |
| | DAKOTA. | | Per cent. | | | | | | | Mills per dollar. | Cents. |
| 48 | Deadwood | | | | | \$30.58 | | | \$2.71 | 2.97 | 16.6 |
| 49 | Fargo* | \$6,740 | 2.44 | \$161.67 | \$245.53 | \$18.83 | 28.07 | | | | |
| 50 | Grand Forks | 5,025 | 1.49 | 75.13 | 152.79 | 10.29 | 20.93 | | | | |
| 51 | Sioux Falls | | | | | | | | | | |
| 52 | Yankton | | | | 95.34 | | 13.18 | | 9.13 | | 13.4 |
| | DELAWARE. | | | | | | | | | | |
| 53 | New Castle | 4,121 | | | | 7.26 | 10.98 | \$1.43 | 2.17 | 2.11 | 6.6 |
| 54 | Wilmington | | 1.28 | | 68.19 | | 11.84 | | 5.44 | 3.24 | 8.9 |
| | DISTRICT OF COLUMBIA. | | | | | | | | | | |
| 55 | Washington (white schools principally). | 5,236 | | | | 14.39 | 17.84 | | | | |
| 56 | Washington (colored schools). | | | | | 10.15 | 15.22 | | | | |
| | FLORIDA. | | | | | | | | | | |
| 57 | Palatka | | | | 6.77 | | 10.83 | | | | |
| 58 | Pensacola | 3,890 | 0.34 | 13.30 | 21.92 | 4.84 | 7.99 | 1.14 | 1.89 | 1.54 | 5.9 |
| 59 | Tampa | | | | 34.38 | | 11.41 | | 0.53 | | 7.3 |
| | GEORGIA. | | | | | | | | | | |
| 60 | Americus | 3,164 | 1.37 | 43.46 | 46.18 | 8.39 | 8.92 | 1.15 | 1.22 | 3.01 | 5.3 |
| 61 | Athens | 2,633 | 0.83 | 23.44 | 48.07 | 5.99 | 12.29 | 1.39 | 2.72 | 2.78 | 8.4 |
| 62 | Atlanta | 4,490 | 0.65 | 29.21 | 42.18 | 6.64 | 9.59 | 0.78 | 1.13 | 1.65 | 5.4 |
| 63 | Augusta | | | 7.48 | 17.83 | 5.24 | 12.48 | 0.46 | 1.11 | | |
| 64 | Columbus | 2,328 | | | | 5.15 | 9.35 | 2.48 | 4.50 | 3.28 | 7.1 |
| 65 | Griffin* | | | | | 4.87 | 10.62 | 0.60 | 1.32 | | |
| 66 | Macon | 4,535 | 0.65 | 29.77 | 68.26 | | | | | | |
| 67 | Rome* | | | | | 6.15 | 10.75 | 0.51 | 0.89 | | |
| 68 | Savannah | | | | 80.86 | | 13.75 | | | | |
| | IDAHO. | | | | | | | | | | |
| 69 | Boisé City | | | | | | | | | | |
| | ILLINOIS. | | | | | | | | | | |
| 70 | Aurora* | 4,044 | 1.56 | 62.99 | 86.70 | 10.99 | 15.13 | 3.28 | 4.52 | 3.53 | 10.2 |
| 71 | Beardstown | 1,825 | 2.92 | 53.27 | 58.03 | 9.08 | 9.89 | 3.72 | 4.05 | 7.01 | 7.3 |
| 72 | Belleville | 2,133 | 2.57 | 54.96 | 74.99 | 10.75 | 15.36 | 2.18 | 2.98 | 6.06 | 8.9 |
| 73 | Belvidere | | | | | 9.99 | | 3.71 | | | |
| 74 | Bloomington | 8,760 | 0.94 | 82.83 | 121.40 | 10.20 | 14.93 | 5.36 | 7.86 | 1.78 | 12.9 |
| 75 | Braidwood | | | | | | | | | | |
| 76 | Cairo | 2,584 | 1.25 | 32.46 | 50.08 | 5.42 | 8.36 | 1.73 | 2.67 | 2.77 | 6.5 |
| 77 | Canton | 2,321 | 2.61 | 60.50 | 86.32 | 9.15 | 13.06 | 3.94 | 5.49 | 5.63 | 10.3 |
| 78 | Carlinville | | | 73.52 | 72.00 | 8.33 | 8.16 | 2.02 | 1.98 | | 5.6 |
| 79 | Centralia | 2,022 | 1.29 | 26.14 | 33.21 | 7.69 | 9.78 | 2.65 | 3.37 | 5.12 | 8.0 |
| 80 | Champaign (West Side) | | | | | 15.35 | 12.48 | 6.64 | 5.40 | | |
| 81 | Chicago | 5,977 | 0.89 | 53.29 | 85.10 | 12.10 | 19.33 | 3.79 | 6.05 | 2.66 | 12.9 |
| 82 | Danville* | | | 25.10 | 33.92 | 10.06 | 13.59 | 4.44 | 6.00 | 5.78 | 10.0 |
| 83 | Decatur | 2,687 | 2.60 | 69.86 | 80.50 | 9.51 | 10.70 | 3.92 | 4.52 | 5.00 | 8.6 |
| 84 | Efingham* | 2,304 | 1.46 | 33.71 | 65.01 | 5.44 | 10.49 | 0.76 | 1.47 | 2.69 | 5.9 |
| 85 | Elgin* | 3,892 | 1.97 | 76.49 | 93.74 | | | | | | |
| 86 | Evanston | 12,285 | 1.08 | 132.72 | 109.25 | 23.86 | 19.64 | 14.01 | 11.53 | 3.08 | 16.3 |
| 87 | Freeport | 3,235 | 1.48 | 48.00 | 70.61 | 9.93 | 14.61 | 3.58 | 5.27 | 4.18 | 10.2 |

* Statistics of 1887-88.

TABLE 21.—Comparative statistics for 1888-89 of property and expenditures of public schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | Cash value of taxable property in city per capita of population 6-14. | Ratio of value of school property to total taxable property. | Value of school property per capita of— | | Cost of supervision and teaching per capita of— | | Cost of incidentals per capita of— | | Ratio of cost of tuition and incidentals to total cash value of taxable property in city. | Average cost per day of tuition and incidentals for each pupil. |
|-------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|---------------------------|-------------------------------------------------|---------------------------|------------------------------------|---------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| | | | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| ILLINOIS—cont'd. | | | | | | | | | | <i>Mills per dollar.</i> |
| 83 Galena..... | \$2,124 | <i>Per cent.</i> | \$32.45 | \$57.66 | \$7.02 | \$12.49 | \$1.80 | \$2.54 | 4.16 | <i>Cents.</i> |
| 89 Galesburgh..... | 2.14 | | 102.95 | | 15.01 | | 4.24 | 4.02 | | 8.1 |
| 90 Geneseo..... | 3,602 | 2.09 | 75.25 | 103.46 | 9.69 | 13.22 | 2.81 | 3.85 | 3.47 | |
| 91 Jacksonville..... | 3,642 | 1.03 | 37.62 | 71.02 | 6.65 | 12.56 | 2.85 | 5.38 | 2.61 | 9.1 |
| 92 Joliet..... | 2,247 | 2.24 | 50.48 | 96.82 | 6.61 | 12.69 | 2.78 | 5.34 | 4.18 | 9.4 |
| 93 Kankakee..... | | | 13.07 | 45.45 | 3.94 | 13.69 | 1.14 | 3.98 | | 8.8 |
| 94 La Salle *..... | | | 36.12 | 57.18 | 6.98 | 11.04 | 1.28 | 2.02 | | 6.8 |
| 95 Lincoln..... | 1,506 | 3.19 | 48.14 | 65.84 | 6.59 | 9.02 | 3.85 | 5.27 | 6.93 | 8.4 |
| 96 Litchfield..... | | | 79.70 | 75.27 | 12.87 | 11.69 | 2.85 | 2.69 | | 7.6 |
| 97 Mendota..... | 2,594 | 2.54 | 66.03 | 83.94 | 11.52 | 14.65 | 3.15 | 3.59 | 5.66 | 10.6 |
| 98 Moline..... | | | 85.02 | 66.53 | 13.59 | 10.63 | 5.80 | 4.54 | | 9.6 |
| 99 Monmouth *..... | 1,610 | 3.43 | 55.26 | 52.35 | 8.29 | 7.85 | 2.27 | 2.15 | 6.56 | 5.9 |
| 100 Olney..... | 2,671 | 1.04 | 27.72 | 40.62 | 9.99 | 14.38 | 4.48 | 6.55 | 5.42 | 11.2 |
| 101 Ottawa..... | | 1.42 | | 90.88 | | 16.42 | | | | |
| 102 Paris..... | 1,608 | 2.28 | 36.63 | 87.04 | 5.50 | 13.07 | 1.99 | 4.74 | 4.66 | 10.2 |
| 103 Pekin *..... | 4,335 | 1.29 | 56.60 | 80.72 | | | | | | |
| 104 Peoria..... | | 1.11 | | | | | | | | |
| 105 Peru..... | | 0.004 | | 0.63 | | 18.11 | | 1.40 | 1.97 | 16.5 |
| 106 Pullman *..... | 4,406 | 0.84 | 34.12 | 64.66 | 5.89 | 11.17 | 1.83 | 3.46 | 1.91 | 7.5 |
| 107 Quincy..... | 3,029 | 1.56 | 47.38 | 62.61 | 11.22 | 14.82 | 8.35 | 11.03 | 6.46 | 14.7 |
| 108 Rock Island..... | 3,508 | 0.81 | 10.90 | 16.57 | 10.25 | 15.58 | | | | |
| 109 Rockford..... | 3,777 | 1.47 | 55.68 | 88.10 | 10.64 | 16.82 | 1.63 | 2.59 | 3.25 | 9.7 |
| 110 Springfield..... | 7,623 | 1.60 | 121.75 | 108.14 | 15.62 | 13.88 | 5.33 | 4.73 | 2.75 | 10.0 |
| 111 Sterling..... | 1,131 | 1.35 | 15.25 | 25.07 | 5.59 | 8.98 | 2.78 | 4.57 | 7.39 | 7.1 |
| 112 Streator..... | | | | | | | | | | |
| INDIANA. | | | | | | | | | | |
| 113 Anderson..... | 4,574 | 0.80 | 36.18 | 46.40 | 9.50 | 11.91 | 2.19 | 2.75 | 2.56 | 8.1 |
| 114 Aurora..... | | | 38.85 | 51.85 | 9.18 | 12.25 | | | | |
| 115 Brazil..... | | | 43.46 | 57.41 | 7.21 | 9.30 | 1.89 | 2.49 | | 6.6 |
| 116 Columbus..... | 3,984 | 1.52 | 60.74 | | 9.70 | | 2.12 | | 2.96 | |
| 117 Crawfordsville..... | | | | | | | | | | |
| 118 Elkhart..... | 4,003 | 2.11 | 84.55 | 91.39 | 10.69 | 11.55 | 4.59 | 4.96 | 3.80 | 8.7 |
| 119 Evansville..... | | | 44.12 | 82.12 | 9.13 | 16.99 | | | | |
| 120 Fort Wayne..... | 2,339 | 1.90 | 45.48 | 84.03 | 11.74 | 21.70 | 2.30 | 4.25 | 5.88 | 13.3 |
| 121 Frankfort..... | | | 67.53 | 73.92 | 12.21 | 13.37 | 1.83 | 2.00 | | 8.8 |
| 122 Goshen..... | | 2.73 | | 129.43 | | 15.75 | | 6.70 | 4.73 | 12.8 |
| 123 Greencastle..... | 4,035 | 0.88 | 35.70 | 75.07 | 7.30 | 15.36 | 2.51 | 5.31 | 2.43 | 11.2 |
| 124 Indianapolis..... | | | 48.15 | | | 12.24 | | 2.63 | | 8.9 |
| 125 Jeffersonville..... | 4,430 | 1.39 | 61.70 | 65.16 | 12.48 | 13.18 | 2.81 | 2.97 | 3.37 | 9.3 |
| 126 Kokomo..... | | | 54.05 | 121.82 | | | | | | |
| 127 La Fayette *..... | | | | | | | | | | |
| 128 La Porte..... | | | | | | | | | | |
| 129 Lawrenceburgh..... | 2,610 | 0.59 | 15.36 | 25.50 | | | | | | |
| 130 Logansport..... | 4,261 | 1.20 | 51.17 | 93.10 | | | | | | |
| 131 Madison *..... | | | 37.00 | 71.50 | | | | | | |
| 132 Michigan City..... | | | | | | | | | | |
| 133 Mount Vernon..... | | | | | | | | | | |
| 134 Muncie..... | | | 150.50 | 143.80 | 11.00 | 10.51 | | | | |
| 135 New Albany *..... | 3,223 | | | | | | | | | |
| 136 Peru..... | 3,953 | 1.05 | 41.64 | 56.19 | 8.41 | 11.35 | | | | |
| 137 Richmond..... | 4,061 | 1.63 | 68.45 | 105.50 | 9.87 | 16.65 | 4.53 | 7.63 | 3.47 | 13.7 |
| 138 Seymour..... | 2,524 | 2.06 | 52.00 | 69.31 | 9.56 | 12.74 | | | | |
| 139 Shelbyville *..... | 4,633 | 0.86 | 39.72 | 44.89 | 8.97 | 10.14 | 3.39 | 4.40 | 2.78 | 8.1 |
| 140 South Bend..... | 4,407 | 1.06 | 47.00 | 79.48 | 7.12 | 12.04 | 2.09 | 3.54 | 2.09 | 8.8 |
| 141 Terre Haute..... | 2,837 | 1.21 | 34.53 | 69.61 | 8.24 | 16.62 | 1.47 | 2.91 | 3.42 | 10.6 |
| 142 Valparaiso..... | 3,367 | 1.61 | 54.26 | 72.77 | 9.79 | 13.13 | 2.34 | 3.14 | 3.60 | 9.1 |
| 143 Vincennes..... | 4,802 | 0.57 | 27.46 | 53.66 | 7.12 | 13.76 | 0.91 | 1.76 | 1.67 | 7.9 |
| 144 Washington..... | | | | 69.39 | | 10.14 | | 3.12 | | 7.0 |

*Statistics of 1887-88.

a School buildings are rented.

TABLE 21.—Comparative statistics for 1888-89 of property and expenditures of public schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | Cash value of taxable property in city per capita of population 6-14. | Ratio of value of school property to total taxable property. | Value of school property per capita of— | | Cost of super- vision and teaching per capita of— | | Cost of inci- dentals per capita of— | | Ratio of cost of tuition and inci- dentals to total cash value of taxable property in city. | Average cost per day of tuition and incidentals for each pupil. |
|---------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-----------------------------|---------------------------------------------------|-----------------------------|--------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| | | | Population 6-14. | Average daily attend- ance. | Population 6-14. | Average daily attend- ance. | Population 6-14. | Average daily attend- ance. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| IOWA. | | | | | | | | | | |
| | | Per cent. | | | | | | | Mills per dollar. | Cents. |
| 145 Atlantic..... | \$2,617 | 2.58 | \$67.50 | \$58.90 | \$12.62 | \$11.01 | \$6.80 | \$5.94 | 7.42 | 9.7 |
| 146 Boone..... | | | | | 13.74 | 10.64 | | | | |
| 147 Burlington..... | 3,710 | 0.90 | 33.41 | | 10.89 | | 4.13 | | 4.05 | |
| 148 Cedar Rapids..... | | | | | | | | | | |
| 149 Clinton..... | | | | | | | | | | |
| 150 Council Bluffs..... | 4,639 | 1.69 | 78.84 | 149.91 | 8.05 | 15.31 | 6.29 | 11.98 | 3.08 | 14.0 |
| 151 Creston..... | 1,565 | 4.14 | 64.80 | 86.25 | 8.62 | 11.47 | 4.73 | 6.28 | 9.08 | 10.1 |
| 152 Davenport..... | 3,673 | 1.73 | 63.78 | 93.04 | 12.72 | 18.55 | 3.14 | 4.58 | 4.32 | 11.8 |
| 153 Des Moines, East..... | 2,131 | 3.44 | 73.33 | 80.97 | 12.25 | 13.52 | 5.61 | 6.19 | 8.38 | 11.3 |
| 154 Des Moines, West..... | 4,975 | 2.28 | 113.63 | 135.56 | 17.83 | 21.26 | 8.19 | 9.78 | 5.23 | 17.6 |
| 155 Dubuque..... | 9,318 | 0.42 | 39.18 | 69.39 | 7.72 | 13.68 | 2.71 | 4.80 | 1.15 | 9.5 |
| 156 Fort Dodge..... | 2,670 | 2.08 | 55.54 | 63.58 | 10.83 | 12.39 | 3.35 | 3.83 | 5.31 | 9.3 |
| 157 Fort Madison..... | | | | | | | | | | |
| 158 Iowa City..... | 2,427 | 1.29 | 31.32 | 59.95 | 7.30 | 13.97 | 4.57 | 8.75 | 4.89 | 11.9 |
| 159 Keokuk..... | | | 58.50 | 79.27 | 10.51 | 14.24 | | | | |
| 160 Le Mars..... | | | 55.44 | 54.03 | | | | | | |
| 161 Lyons..... | 1,846 | 2.38 | 43.88 | 63.79 | 8.42 | 12.09 | 2.80 | 4.07 | 6.02 | 8.1 |
| 162 Marshalltown..... | 3,187 | 2.42 | 77.26 | 73.00 | 16.05 | 15.15 | 6.53 | 6.17 | 7.08 | 12.2 |
| 163 Mount Pleasant..... | 3,888 | 1.45 | 56.53 | 65.58 | 12.03 | 13.96 | 4.23 | 4.91 | 4.18 | 10.8 |
| 164 Muscatine..... | | | | | | | | | | |
| 165 Oskaloosa..... | 2,763 | 4.01 | 110.08 | 113.40 | 16.19 | 16.56 | 4.71 | 4.82 | 7.56 | 11.5 |
| 166 Ottumwa..... | 3,628 | 2.36 | 85.44 | 79.48 | | | | | | |
| 167 Sioux City..... | | | | | | | | | | |
| 168 Waterloo*..... | 2,297 | 2.19 | 50.19 | 75.62 | 11.60 | 17.47 | | | | |
| KANSAS. | | | | | | | | | | |
| 169 Atchison..... | | | | 111.70 | | 13.63 | | 7.27 | | |
| 170 Clay Centre..... | 3,956 | 3.24 | 128.35 | 109.70 | 10.99 | 10.25 | 8.25 | 7.05 | 5.12 | 9.8 |
| 171 El Dorado..... | | | 58.87 | 61.53 | 13.31 | 13.59 | | | | |
| 172 Emporia..... | | 1.85 | | 70.23 | | 15.06 | | 3.36 | 4.57 | 10.6 |
| 173 Fort Scott..... | 2,761 | 1.83 | 50.71 | 65.95 | 7.48 | 9.74 | 1.65 | 2.13 | 3.30 | 7.4 |
| 174 Hutchinson..... | | | 66.67 | 60.34 | 13.36 | 12.09 | 6.35 | 5.76 | | 9.0 |
| 175 Independence..... | 2,336 | 1.77 | 42.37 | 40.96 | 10.23 | 10.12 | 4.42 | 4.37 | 6.27 | 9.3 |
| 176 Kansas City..... | 4,220 | 1.16 | 48.90 | 69.09 | 8.50 | 12.01 | 3.13 | 4.42 | 2.76 | |
| 177 Lawrence..... | 2,437 | | | | 8.03 | 9.16 | 4.77 | 5.44 | 5.25 | 8.6 |
| 178 Leavenworth..... | 3,707 | 1.20 | 44.50 | 76.53 | 8.02 | 13.71 | 4.73 | 8.13 | 3.44 | 11.2 |
| 179 Newton..... | 4,477 | 1.86 | 83.14 | 93.22 | 12.84 | 14.40 | 8.79 | 9.86 | 4.83 | |
| 180 Ottawa..... | 3,790 | 1.75 | 66.17 | 64.81 | 10.69 | 10.47 | 5.44 | 5.33 | 4.26 | 9.0 |
| 181 Parsons..... | 2,192 | 5.62 | 123.20 | 110.30 | 12.41 | 11.10 | 1.61 | 1.44 | 6.39 | 7.8 |
| 182 Salina..... | 4,345 | 2.08 | 90.41 | 105.70 | | | | | | |
| 183 Topeka..... | | | | | 9.87 | 13.82 | 4.84 | 7.15 | | |
| 184 Wellington..... | 3,992 | 1.92 | 76.86 | 91.04 | 11.36 | 13.46 | | | | |
| 185 Wichita..... | 8,346 | 1.17 | 99.28 | 141.90 | 9.43 | 13.48 | 4.56 | 6.53 | 1.66 | 10.6 |
| 186 Winfield..... | | | | | 12.58 | 13.90 | 3.48 | 3.86 | | 9.9 |
| KENTUCKY. | | | | | | | | | | |
| 187 Ashland..... | | | | | | | | | | |
| 188 Bowling Green *..... | | | 24.88 | 39.55 | 7.71 | 12.25 | 1.02 | 1.62 | | 7.1 |
| 189 Covington..... | 3,297 | 2.08 | 27.58 | 73.30 | 5.96 | 16.93 | 0.73 | 2.06 | 2.03 | 9.5 |
| 190 Dayton..... | | | | | | | | | | |
| 191 Hopkinsville..... | 1,589 | 1.32 | 21.54 | 36.30 | | | | | | |
| 192 Lexington..... | | | 28.27 | 46.73 | 6.03 | 9.73 | 1.06 | 1.71 | | 5.7 |
| 193 Louisville..... | 1,768 | 1.43 | 25.26 | 64.10 | 6.40 | 16.25 | 1.80 | 4.57 | 4.62 | 10.2 |
| 194 Newport..... | 1,420 | 1.96 | 27.83 | 57.95 | 6.44 | 13.40 | 1.43 | 2.98 | 5.54 | 8.2 |
| 195 Owensborough..... | 1,947 | 2.58 | 50.30 | 70.80 | | | | | 5.23 | 7.9 |
| 196 Paducah..... | 2,112 | 1.31 | 27.72 | | 4.31 | | 7.22 | | 2.38 | |
| 197 Paris..... | | | 11.48 | 47.21 | 6.10 | 25.11 | | | | |

*Statistics of 1887-88.

TABLE 21.—Comparative statistics for 1888-89 of property and expenditures of public schools of cities and villages containing over 4,000 inhabitants—Continued.

| | City. | Cash value of taxable property in city per capita of population 6-14. | Ratio of value of school property to total taxable property. | Value of school property per capita of— | | Cost of super- vision and teaching per capita of— | | Cost of inci- dentals per capita of— | | Ratio of cost of tuition and inci- dentals to total cash value of taxable property in city. | Average cost per day of tuition and incidentals for each pupil. |
|----------------|-------------------|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-----------------------------|---------------------------------------------------|-----------------------------|--------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| | | | | Population 6-14. | Average daily attend- ance. | Population 6-14. | Average daily attend- ance. | Population 6-14. | Average daily attend- ance. | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| LOUISIANA. | | | | | | | | | | | |
| 198 | New Orleans*..... | \$2, 448 | 0.56 | \$13. 69 | \$45. 05 | \$3.53 | \$11. 63 | \$0.52 | \$1. 71 | Mills per dollar. 1.65 | Cents. 7.3 |
| MAINE. | | | | | | | | | | | |
| 199 | Auburn* | 3, 611 | 1.45 | 52. 20 | 57. 79 | 12. 48 | 13. 81 | | | | |
| 200 | Augusta..... | 5, 439 | 1. 21 | 65. 71 | 69. 87 | 13. 79 | 14. 65 | 4. 38 | 4. 66 | 3. 34 | 11.5 |
| 201 | Bangor..... | 3, 955 | | | | | | | | | |
| 202 | Bath* | | | 100. 05 | 81. 40 | 10. 28 | 8. 36 | 2. 23 | 1. 81 | | 5.0 |
| 203 | Belfast* | | | 17. 59 | | | | | | | |
| 204 | Biddeford..... | 4, 886 | 1.03 | 50. 31 | 80. 51 | 10. 60 | 16. 93 | 2. 28 | 3. 64 | 2. 64 | |
| 205 | Calais | 2, 318 | 1.35 | 31. 31 | 23. 18 | 7. 98 | 8. 45 | 1. 25 | 1. 32 | 3. 98 | 5.6 |
| 206 | Ellsworth..... | 3, 034 | 1. 00 | 30. 83 | 32. 43 | | | | | | |
| 207 | Lewiston..... | | | 85. 90 | 144. 63 | 9. 12 | 15. 35 | | | | |
| 208 | Portland..... | 9, 815 | 0.57 | 55. 50 | 63. 76 | 14. 63 | 16. 80 | 4. 34 | 4. 99 | 1. 93 | 11.5 |
| 209 | Rockland..... | | | | | | | | | | |
| 210 | Saco..... | | | | | | 13. 08 | | 3. 25 | | |
| MARYLAND. | | | | | | | | | | | |
| 211 | Baltimore..... | 4, 701 | 0.78 | 36. 62 | 60. 43 | 9. 33 | 15. 40 | | | | |
| 212 | Frederick..... | 11, 906 | 0.18 | 21. 43 | 30. 65 | 5. 02 | 7. 17 | 0.83 | 1. 19 | 4. 91 | 5.6 |
| 213 | Hagerstown..... | 2, 290 | 0.85 | 19. 45 | 38. 42 | | 8. 42 | 0.40 | 0. 78 | 2. 04 | |
| MASSACHUSETTS. | | | | | | | | | | | |
| 214 | Attleborough..... | 5, 767 | 1. 26 | 73. 21 | 67. 12 | 15. 32 | 14. 05 | 5. 35 | 4. 91 | 3. 58 | 10.8 |
| 215 | Beverly* | 10, 640 | 1. 24 | 131. 37 | 134. 33 | 12. 29 | 12. 57 | 4. 22 | 4. 32 | 1. 55 | 8.7 |
| 216 | Boston..... | 13, 207 | | | | 21. 98 | 23. 50 | | | | |
| 217 | Brookton..... | 5, 054 | | | | 14. 08 | 13. 85 | | | | |
| 218 | Brookline..... | 27, 706 | 0.90 | 244. 19 | 230. 32 | | | | | | |
| 219 | Cambridge..... | 6, 683 | 1. 21 | 80. 90 | 77. 50 | 18. 80 | 18. 01 | 3. 97 | 3. 80 | 3. 25 | 10.4 |
| 220 | Chelsea..... | 5, 176 | | | | 14. 87 | 16. 38 | | | | |
| 221 | Chicopee..... | 4, 417 | | | | 9. 78 | 17. 44 | 3. 52 | 6. 27 | 2. 99 | |
| 222 | Clinton..... | 3, 302 | 4.45 | 146. 80 | 172. 18 | 12. 15 | 14. 25 | 4. 64 | 5. 44 | 5. 09 | 10.0 |
| 223 | Danvers..... | 4, 285 | 1. 25 | 54. 94 | 49. 06 | 13. 46 | 12. 02 | 5. 14 | 4. 59 | 4. 34 | 9.0 |
| 224 | Dedham..... | 5, 299 | | | | 25. 73 | 23. 92 | 9. 54 | 8. 87 | 6. 66 | |
| 225 | Everett..... | 5, 760 | 1.33 | 76. 94 | 64. 63 | 13. 56 | 11. 39 | 5. 09 | 4. 28 | 3. 24 | 8.1 |
| 226 | Fall River..... | 4, 801 | 1. 67 | 80. 00 | 102. 90 | 10. 87 | 13. 97 | | | | |
| 227 | Fitchburg..... | 6, 903 | 1. 22 | 84. 86 | 100. 01 | 13. 94 | 16. 43 | 4. 51 | 5. 34 | 2. 67 | 11.6 |
| 228 | Gloucester..... | 5, 179 | 1. 67 | 84. 76 | 72. 06 | 16. 35 | 14. 23 | 4. 10 | 3. 48 | 3. 95 | 9.0 |
| 229 | Haverhill..... | 3, 543 | | | | 11. 28 | 17. 93 | 2. 16 | 3. 45 | 3. 79 | |
| 230 | Holyoke*..... | 3, 807 | 1.59 | 60. 59 | 111. 49 | 9. 86 | 18. 13 | 2. 96 | 5. 46 | 3. 37 | 11.9 |
| 231 | Hyde Park..... | 3, 969 | 1.66 | 66. 40 | 84. 25 | 13. 72 | 17. 41 | 4. 96 | 6. 29 | 4. 70 | 14.4 |
| 232 | Lawrence..... | 4, 586 | 1. 20 | 55. 40 | 73. 42 | 10. 46 | 13. 86 | | | | |
| 233 | Lowell..... | 5, 881 | 1.08 | 63. 79 | 88. 91 | 13. 86 | 18. 88 | 4. 71 | 6. 42 | 3. 16 | 13.3 |
| 234 | Lynn..... | 5, 193 | 1.72 | 89. 55 | 93. 89 | 14. 90 | 15. 62 | 4. 56 | 4. 78 | 3. 74 | 10.5 |
| 235 | Malden..... | 5, 915 | 2.08 | 123. 40 | 142. 40 | 17. 63 | 20. 39 | 4. 67 | 5. 39 | 3. 78 | 13.4 |
| 236 | Marblehead..... | 3, 944 | | | | 12. 17 | 13. 54 | 3. 96 | 4. 41 | 4. 09 | |
| 237 | Marlborough..... | 3, 674 | 1.92 | 70. 56 | 55. 87 | 17. 11 | 13. 55 | | | | |
| 238 | Medford..... | 10, 549 | 1.18 | 123. 85 | 108. 70 | 23. 23 | 19. 91 | | | | |
| 239 | Milford..... | 4, 351 | 1.93 | 84. 16 | 79. 98 | 15. 56 | 14. 79 | 3. 01 | 2. 61 | 4. 27 | 10.3 |
| 240 | New Bedford..... | 6, 758 | 1.53 | 103. 54 | 140. 35 | 15. 28 | 20. 72 | 4. 42 | 6. 00 | 2. 92 | 13.4 |
| 241 | Newburyport..... | 4, 535 | | | | | | | | | |
| 242 | Newton..... | 9, 928 | 1.75 | 173. 60 | 162. 85 | 27. 68 | 25. 98 | 7. 24 | 6. 80 | 3. 52 | |
| 243 | North Adams..... | 3, 616 | 2.33 | 85. 92 | 107. 22 | 9. 51 | 11. 87 | 4. 31 | 5. 87 | 3. 82 | 9.1 |
| 244 | Northampton..... | 4, 959 | 1.61 | 79. 65 | 77. 14 | 13. 16 | 12. 75 | 3. 95 | 3. 83 | 3. 45 | 9.4 |
| 245 | Peabody..... | 4, 085 | | | | 12. 38 | 13. 30 | 5. 44 | 5. 85 | 4. 36 | |
| 246 | Pittsfield..... | 5, 822 | 0.99 | 57. 47 | 61. 40 | 12. 15 | 12. 98 | 5. 09 | 5. 44 | 2. 96 | 9.6 |
| 247 | Plymouth..... | 5, 026 | | | | 17. 57 | 16. 47 | 5. 26 | 4. 93 | 4. 54 | |
| 248 | Quincy..... | 3, 712 | | | | 12. 51 | 13. 89 | 6. 16 | 6. 84 | 5. 03 | |

* Statistics of 1887-88.

TABLE 21.—Comparative statistics for 1888-89 of property and expenditures of public schools of cities and villages containing over 4,000 inhabitants—Continued.

| | City. | Cash value of taxable property in city per capita of population 6-14. | Ratio of value of school property to total taxable property. | Value of school property per capita of— | | Cost of super-teaching and teaching per capita of— | | Cost of incidentals per capita of— | | Ratio of cost of tuition and incidentals to total cash value of taxable property in city. | Average cost per day of tuition and incidentals for each pupil. |
|--------------------------|-----------------------|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|---------------------------|----------------------------------------------------|---------------------------|------------------------------------|---------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| | | | | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| MASSACHUSETTS—continued. | | | | | | | | | | | |
| 249 | Salem | \$6,312 | 1.41 | \$89.46 | \$118.94 | \$15.80 | \$21.01 | \$4.80 | \$6.39 | <i>Mills per dollar.</i> 3.26 | <i>Cents.</i> |
| 250 | Somerville | | | 94.16 | 86.68 | 18.41 | 16.95 | | | | |
| 251 | Southbridge | 3,445 | 0.83 | 28.56 | 47.35 | 9.10 | 15.08 | 2.84 | 4.70 | 3.46 | 11.0 |
| 252 | Spencer | 2,643 | | | | | | | | | |
| 253 | Springfield | 7,790 | 1.68 | 131.10 | 145.20 | 18.25 | 20.21 | 5.49 | 6.08 | 3.04 | 13.8 |
| 254 | Stoneham | 4,746 | 2.34 | 111.20 | 95.50 | 20.38 | 17.50 | 4.14 | 3.48 | 5.16 | 10.5 |
| 255 | Taunton | 5,121 | | | | | | | | 3.76 | |
| 256 | Waltham | 5,970 | 1.80 | 107.18 | 136.10 | 18.34 | 23.15 | 4.97 | 6.26 | 3.90 | |
| 257 | Watertown | 6,973 | 1.48 | 102.93 | 120.83 | 19.72 | 22.63 | 4.62 | 5.43 | 3.43 | 14.2 |
| 258 | Westfield | 5,553 | 1.59 | 88.09 | 92.09 | 14.54 | 15.20 | | | | |
| 259 | Weymouth | 6,355 | 1.83 | 116.85 | 81.69 | 18.32 | 12.81 | 5.26 | 3.59 | 3.61 | 8.5 |
| 260 | Woburn | 4,006 | 2.05 | 82.00 | 97.80 | 11.26 | 13.22 | 3.56 | 4.19 | 3.70 | 8.9 |
| 261 | Worcester | 7,533 | 1.29 | 97.80 | 111.40 | 16.35 | 18.63 | 4.02 | 4.58 | 2.70 | 11.6 |
| MICHIGAN. | | | | | | | | | | | |
| 262 | Adrian | 3,096 | 2.87 | 89.02 | 121.81 | 11.42 | 15.62 | 2.89 | 3.95 | 4.62 | 10.3 |
| 263 | Alpena | 2,841 | 0.73 | 20.75 | 36.53 | 7.39 | 13.01 | 1.43 | 2.52 | 3.11 | ..... |
| 264 | Ann Arbor | 5,020 | 2.31 | 116.02 | 124.70 | 15.98 | 17.17 | 3.99 | 4.29 | 3.98 | 11.3 |
| 265 | Battle Creek * | | | 97.90 | 130.53 | | | | | | |
| 266 | Bay City | 2,292 | 1.93 | 44.20 | 71.78 | 8.05 | 12.78 | 2.84 | 4.51 | 4.76 | 9.1 |
| 267 | Big Rapids * | | | 51.09 | 63.43 | 11.55 | 14.34 | 4.39 | 5.45 | | 10.1 |
| 268 | Cadillac | 3,211 | 1.77 | 57.03 | 59.90 | 14.40 | 15.12 | 4.92 | 5.16 | 6.10 | 10.9 |
| 269 | Cheboygan * | 1,927 | 1.09 | 20.94 | 49.04 | 5.13 | 12.02 | 1.27 | 2.98 | 3.32 | 7.7 |
| 270 | Coldwater | 5,295 | 2.17 | 114.95 | 96.38 | 15.00 | 12.58 | 6.19 | 5.19 | 4.00 | 9.2 |
| 271 | Detroit * | 4,129 | 0.91 | 37.61 | 85.82 | 6.79 | 15.49 | 1.60 | 3.43 | 2.01 | 9.5 |
| 272 | East Saginaw | 2,068 | 2.02 | 41.90 | 60.89 | 9.64 | 14.02 | 3.52 | 5.11 | 6.36 | 9.9 |
| 273 | Escanaba | 2,402 | 1.73 | 41.54 | 94.52 | 5.61 | 12.78 | 4.41 | 10.04 | 4.17 | 11.4 |
| 274 | Flint * | 5,058 | 3.30 | 166.90 | 122.50 | | | | | | |
| 275 | Grand Haven | 1,738 | 2.99 | 52.09 | 53.48 | 10.57 | 10.86 | 3.60 | 3.69 | 8.15 | 7.3 |
| 276 | Grand Rapids | 5,139 | 1.59 | 81.64 | 91.26 | 13.72 | 15.34 | 5.59 | 6.25 | 3.76 | 11.5 |
| 277 | Ionia | | | | | | | | | | |
| 278 | Ishpeming * | | | 43.64 | 57.99 | 8.43 | 11.20 | 6.38 | 8.47 | | 10.1 |
| 279 | Jackson | | | 111.10 | 106.52 | 17.17 | 16.09 | 7.43 | 7.13 | | 12.4 |
| 280 | Kalamazoo | 3,811 | 1.95 | 74.36 | 83.46 | 9.96 | 11.19 | 3.83 | 4.29 | 3.58 | 8.0 |
| 281 | Lansing * | | | 59.56 | 76.15 | 10.23 | 13.07 | 4.75 | 6.07 | | 10.1 |
| 282 | Ludington | | | 100.00 | 95.56 | 12.28 | 11.72 | 5.14 | 4.91 | | 8.9 |
| 283 | Manistee * | | | 40.67 | 58.13 | 9.00 | 12.86 | 1.75 | 2.50 | | 7.8 |
| 284 | Marquette | | 2.12 | | 79.62 | | 15.59 | | 9.81 | 6.77 | 13.2 |
| 285 | Marshall | 2,970 | 5.50 | 163.30 | 173.03 | 15.51 | 16.43 | 3.20 | 3.39 | 6.31 | 10.3 |
| 286 | Menominee | | 1.15 | | 54.25 | | 15.17 | | 4.35 | 4.13 | 10.0 |
| 287 | Monroe * | | | 34.32 | 90.00 | 4.62 | 12.12 | 1.72 | 4.51 | | 8.3 |
| 288 | Mount Clemens * | | | 36.05 | | 6.58 | | | | | |
| 289 | Muskegon | | | | 57.49 | | 15.37 | | | | |
| 290 | Negaunee * | 2,607 | 1.47 | 38.33 | 70.22 | 7.98 | 14.62 | 6.91 | 12.65 | 5.71 | 14.2 |
| 291 | Niles | 3,396 | 2.39 | 81.24 | 93.94 | 14.56 | 16.84 | 5.44 | 6.30 | 5.89 | 12.5 |
| 292 | Owosso * | | | 71.35 | | 12.64 | | | | | |
| 293 | Pontiac | 3,525 | 3.82 | 134.81 | 110.72 | 17.11 | 14.05 | 5.15 | 4.23 | 6.31 | 9.2 |
| 294 | Port Huron | 2,864 | 1.64 | 46.95 | 78.00 | 7.48 | 12.42 | 3.33 | 5.66 | 3.80 | 9.4 |
| 295 | Saginaw | | | | 41.38 | | 10.90 | | 4.63 | | 8.2 |
| 296 | West Bay City | 2,112 | 2.22 | 46.78 | 58.20 | 9.04 | 11.25 | 4.48 | 5.68 | 6.40 | 8.8 |
| 297 | Wyandotte | 5,944 | 0.74 | 44.25 | 97.95 | 5.74 | 12.48 | 2.97 | 6.57 | 1.45 | 9.8 |
| 298 | Ypsilanti | | | 50.10 | 77.80 | | | | | | |
| MINNESOTA. | | | | | | | | | | | |
| 299 | Anoka | 11,534 | 0.63 | 72.50 | 72.83 | 13.48 | 13.54 | 3.84 | 3.85 | 1.50 | 9.7 |
| 300 | Brainerd | | 2.33 | | 68.45 | | 12.03 | | 8.25 | 6.89 | ..... |

* Statistics of 1887-88.

TABLE 21.—Comparative statistics for 1888-89 of property and expenditures of public schools of cities and villages containing over 4,000 inhabitants—Continued.

| | City. | Cash value of taxable property in city per capita of population 6-14. | Ratio of value of school property to total taxable property. | Value of school property per capita of— | | Cost of supervision and teaching per capita of— | | Cost of incidentals per capita of— | | Ratio of cost of tuition and incidentals to total cash value of taxable property in city. | Average cost per day of tuition and incidentals for each pupil. |
|-------------------|----------------------|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|---------------------------|-------------------------------------------------|---------------------------|------------------------------------|---------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| | | | | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| MINNESOTA—cont'd. | | | | | | | | | | | |
| | | | Per cent. | | | | | | | Mills per dollar. | Cents. |
| 301 | Crookston | | 2.66 | | \$104.00 | | \$13.94 | | \$9.91 | 6.10 | 13.3 |
| 302 | Duluth | | 0.58 | | 196.00 | | 16.42 | | 12.26 | 0.87 | 15.4 |
| 303 | Faribault | | 1.59 | | 106.45 | | 14.19 | | 7.20 | 3.19 | 12.2 |
| 304 | Mankato | | 1.24 | | 65.42 | | 14.72 | | 7.23 | 4.17 | 12.3 |
| 305 | Minneapolis | | 0.87 | | 127.80 | | 21.68 | | 6.92 | 1.96 | 15.8 |
| 306 | Red Wing* | | 2.04 | | 70.83 | | 15.47 | | 4.38 | 5.73 | 11.3 |
| 307 | Rochester* | | | | 74.96 | | | | | | |
| 308 | St. Cloud | \$14, 181 | 0.46 | \$66.02 | 72.68 | \$11.25 | 12.38 | | | | |
| 309 | St. Paul | | | | | | 31.39 | | 12.34 | | 23.1 |
| 310 | Stillwater | | 1.78 | | 145.63 | | 18.10 | | 15.37 | 4.10 | 19.0 |
| 311 | Winona | 2, 117 | 4.04 | 85.44 | 131.60 | 10.41 | 16.03 | \$4.59 | 7.07 | 7.09 | 11.8 |
| MISSISSIPPI. | | | | | | | | | | | |
| 312 | Columbus | | | | | | | | | | |
| 313 | Jackson a | | | | 97.73 | | 14.51 | | 7.22 | | 13.6 |
| 314 | Meridian | 2, 216 | 1.37 | 30.28 | | | | | | | |
| 315 | Natchez | 2, 132 | 0.91 | 19.33 | 62.89 | 4.83 | 13.72 | 0.22 | 1.06 | 2.42 | 9.3 |
| 316 | Vicksburg | 1, 227 | 0.73 | 9.00 | 33.81 | 3.25 | 12.19 | 0.84 | 3.17 | 3.33 | 9.3 |
| MISSOURI. | | | | | | | | | | | |
| 317 | Boonville | | | 35.46 | 62.76 | 7.03 | 12.45 | 2.96 | 5.35 | | 9.7 |
| 318 | Brookfield | | | 31.91 | 50.64 | 5.24 | 8.31 | 1.46 | 2.32 | | 5.9 |
| 319 | Butler | 3, 301 | 1.53 | 49.60 | 60.23 | 7.81 | 9.48 | 3.14 | 3.81 | 3.32 | 7.5 |
| 320 | Cape Girardeau | | | 22.28 | 49.01 | 3.26 | 7.17 | 1.99 | 4.38 | | 7.0 |
| 321 | Carrollton | 3, 417 | 2.17 | 74.03 | 63.02 | | | | | | |
| 322 | Carthage* | 1, 852 | 2.44 | 44.98 | 52.93 | 8.92 | 10.50 | 1.91 | 2.25 | 5.88 | 7.2 |
| 323 | Chillicothe* | 2, 456 | 1.52 | 37.37 | 58.91 | 6.90 | 10.88 | 3.81 | 6.00 | 4.36 | 10.7 |
| 324 | Clinton* | 3, 553 | 1.51 | 53.71 | 63.11 | 7.87 | 9.24 | 3.81 | 4.48 | 3.29 | 7.5 |
| 325 | Columbia* | 3, 411 | 0.62 | 21.29 | 37.13 | 5.87 | 10.22 | 0.70 | 1.22 | 1.92 | 7.4 |
| 326 | De Soto* | 825 | 4.65 | 38.42 | 48.67 | 4.36 | 5.52 | 2.43 | 3.08 | 8.23 | 6.2 |
| 327 | Hannibal | 2, 123 | 1.7* | 37.85 | 50.45 | 8.58 | 11.44 | 3.47 | 4.63 | 5.68 | 9.1 |
| 328 | Independence | 4, 023 | 1.36 | 54.51 | 71.15 | 9.41 | 12.28 | 3.43 | 4.47 | 3.19 | 9.6 |
| 329 | Jefferson City | | | 30.68 | 57.23 | 5.70 | 10.63 | | | | |
| 330 | Joplin | 849 | 3.85 | 32.72 | 41.26 | 7.39 | 9.33 | 2.54 | 3.20 | 11.70 | 8.0 |
| 331 | Kansas City | 6, 316 | 0.89 | 56.34 | 116.70 | 7.12 | 14.75 | | | | |
| 332 | Lexington | | | 19.89 | 45.54 | 5.14 | 11.76 | 1.29 | 2.96 | | 8.1 |
| 333 | Louisiana | 1, 475 | 1.43 | 21.62 | 31.80 | 4.34 | 6.53 | 0.84 | 1.26 | 3.51 | 6.5 |
| 334 | Marshall | 1, 483 | 3.31 | 49.12 | 57.54 | 10.33 | 12.10 | 4.78 | 5.60 | 10.18 | 10.1 |
| 335 | Marysville | 11, 215 | 0.67 | 75.11 | 75.38 | 8.97 | 9.00 | 3.35 | 3.36 | 1.10 | 7.0 |
| 336 | Mexico* | 2, 919 | 1.05 | 30.71 | 35.88 | 8.78 | 10.50 | 1.66 | 1.98 | 3.57 | 6.9 |
| 337 | Moberly | 1, 592 | 1.60 | 25.45 | 50.98 | 4.10 | 8.22 | 1.63 | 3.38 | 3.63 | 7.4 |
| 338 | Nevada | 3, 103 | 1.87 | 58.21 | 63.53 | 7.87 | 8.59 | 3.26 | 3.55 | 3.58 | 7.8 |
| 339 | Rich Hill | 2, 085 | 1.07 | 22.32 | 28.81 | 5.86 | 7.83 | 3.12 | 4.17 | 4.31 | 7.7 |
| 340 | St. Charles | 2, 350 | 1.84 | 43.41 | 134.32 | 4.34 | 13.44 | 1.51 | 4.08 | 2.41 | 9.0 |
| 341 | St. Joseph | | | 32.05 | 99.06 | 5.80 | 17.96 | 3.43 | 10.63 | | 14.4 |
| 342 | St. Louis | 4, 941 | 1.00 | 49.55 | 76.86 | 9.93 | 15.41 | 3.55 | 5.50 | 2.73 | 12.3 |
| 343 | Sedalia* | 4, 418 | 1.21 | 53.46 | 62.63 | 9.62 | 11.27 | | | | |
| 344 | Springfield | 2, 034 | 2.18 | 44.27 | 41.52 | | | | | 6.01 | 7.3 |
| 345 | Trenton | | 2.96 | | | | | | | 5.69 | |
| 346 | Warrensburg | | | 17.75 | 24.04 | 6.66 | 9.01 | | | | |
| 347 | Washington* | | | 9.80 | 34.16 | 3.26 | 11.39 | 0.85 | 2.97 | | 7.5 |
| MONTANA. | | | | | | | | | | | |
| 348 | Butte City | | 0.56 | | 64.79 | | 20.89 | | | | |
| NEBRASKA. | | | | | | | | | | | |
| 349 | Beatrice | 4, 735 | 1.87 | 88.90 | 124.90 | 10.28 | 14.44 | 5.07 | 7.06 | 3.24 | 12.3 |
| 350 | Fremont | | | 84.06 | 84.40 | 13.01 | 13.06 | 6.16 | 6.18 | | 10.3 |

* Statistics of 1887-88.

a Statistics of white schools only.

TABLE 21.—Comparative statistics for 1888-89 of property and expenditures of public schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | Cash value of taxable property in city per capita of population 6-14. | Ratio of value of school property to total taxable property. | Value of school property per capita of— | | Cost of supervision and teaching per capita of— | | Cost of incidentals per capita of— | | Ratio of cost of tuition and incidentals to total cash value of taxable property in city. | Average cost per day of tuition and incidentals for each pupil. |
|---------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|---------------------------|-------------------------------------------------|---------------------------|------------------------------------|---------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| | | | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| NEBRASKA—continued. | | | | | | | | | | |
| | | <i>Per cent.</i> | | | | | | | <i>Mills per dollar.</i> | <i>Cents.</i> |
| 351 Grand Island | \$4,269 | 2.28 | \$97.66 | \$119.50 | \$13.60 | \$16.64 | \$5.12 | \$6.25 | 4.38 | 11.8 |
| 352 Hastings | 6,090 | 1.56 | 99.40 | 114.30 | 10.84 | 12.22 | 4.88 | 5.61 | 2.47 | 11.3 |
| 353 Kearney | 3,422 | 2.97 | 101.70 | 138.00 | 11.84 | 15.74 | 8.39 | 11.39 | 5.84 | 15.4 |
| 354 Lincoln | 6,243 | 1.30 | 81.10 | 132.30 | 8.02 | 13.08 | 2.02 | 3.62 | 1.61 | 9.5 |
| 355 Nebraska City | 8,851 | 7.84 | 66.73 | 86.64 | 8.97 | 11.56 | 4.86 | 6.27 | 16.25 | 9.5 |
| 356 Omaha | 5,761 | 1.85 | 106.83 | 137.90 | 18.01 | 23.24 | 10.50 | 13.55 | 4.95 | 19.2 |
| 357 Plattsmouth | | | 54.77 | 69.30 | 8.83 | 11.18 | 4.33 | 5.35 | | 9.2 |
| NEVADA. | | | | | | | | | | |
| 358 Carson City | 2,024 | 1.73 | 36.15 | 42.13 | 17.08 | 19.90 | 2.48 | 2.89 | 9.66 | 13.8 |
| 359 Eureka | | | 33.50 | 51.88 | 15.62 | 24.19 | | | | |
| 360 Gold Hill | | | 29.18 | 42.23 | 14.85 | 21.49 | 3.40 | 4.93 | | 13.7 |
| 361 Virginia City | 2,316 | 1.00 | 23.16 | 28.92 | 13.67 | 17.06 | 8.15 | 10.17 | 9.42 | 13.8 |
| NEW HAMPSHIRE. | | | | | | | | | | |
| 362 Concord | | | | | | 15.56 | | 6.94 | | 14.4 |
| 363 Dover * | | | \$7.58 | 127.35 | 11.88 | 17.28 | 3.44 | 5.00 | | 12.3 |
| 364 Keene | | | 104.90 | 104.33 | 12.09 | 12.02 | | | | |
| 365 Manchester | | | | | | 17.36 | | 5.58 | 2.59 | |
| 366 Nashua | | | 121.65 | 165.33 | 13.27 | 18.04 | 5.97 | 8.11 | | 15.9 |
| 367 Portsmouth | 5,454 | 0.54 | 29.69 | 40.55 | 15.75 | 21.02 | 6.84 | 9.34 | 4.37 | 16.3 |
| 368 Rochester | | | | | | 12.95 | | 3.58 | | |
| NEW JERSEY. | | | | | | | | | | |
| 369 Atlantic City | | | 58.99 | 75.95 | 9.87 | 12.71 | 5.66 | 7.29 | | 11.1 |
| 370 Bayonne | 6,708 | 0.93 | 62.07 | 111.48 | 11.32 | 20.33 | 3.73 | 6.70 | 2.24 | 13.4 |
| 371 Bordentown * | | | 16.23 | 43.17 | 6.86 | 18.25 | 2.43 | 6.47 | | |
| 372 Bridgeton * | | | 21.83 | 32.93 | 7.92 | 11.94 | 2.06 | 3.11 | | |
| 373 Burlington * | | | 31.68 | 71.13 | 6.67 | 14.97 | 2.25 | 5.05 | | |
| 374 Camden | 2,139 | 1.64 | 35.02 | 72.18 | 6.83 | 14.07 | 3.06 | 6.31 | 4.62 | 10.2 |
| 375 Elizabeth | 2,339 | 1.44 | 33.75 | 67.25 | 7.53 | 15.01 | | | | |
| 376 Gloucester City | 3,330 | 0.86 | 28.03 | 61.28 | 5.30 | 11.59 | 1.21 | 2.65 | 1.96 | 7.0 |
| 377 Hackensack | 5,315 | 1.38 | 73.15 | 91.60 | 13.85 | 17.34 | | | | |
| 378 Harrison | | | | 25.86 | | | | | | |
| 379 Hoboken | | | | | | | | | | |
| 380 Jersey City | 1,997 | 0.91 | 18.33 | 45.52 | 6.39 | 15.88 | 1.05 | 2.60 | 3.73 | 9.2 |
| 381 Lambertville * | 3,338 | 0.98 | 32.62 | | 8.91 | | 1.36 | | 3.08 | |
| 382 Long Branch | | | 64.90 | 113.13 | 10.52 | 18.34 | | | | |
| 383 Millville * | 2,332 | 1.52 | 35.46 | 41.76 | 10.03 | 11.81 | 2.27 | 2.68 | 5.28 | 6.6 |
| 384 Montclair | 6,457 | 1.53 | 98.65 | 132.15 | 18.65 | 24.91 | 6.70 | 8.97 | 3.93 | 17.4 |
| 385 Morristown * | 3,368 | 0.70 | 58.57 | 95.10 | 9.93 | 16.13 | 2.77 | 4.49 | 1.52 | 10.3 |
| 386 Mount Holly | 3,650 | 0.68 | 24.95 | 41.63 | 8.11 | 13.54 | | | | |
| 387 New Brunswick | 4,317 | 0.94 | 39.69 | 77.05 | 7.11 | 13.80 | 2.46 | 4.78 | 2.22 | 9.5 |
| 388 Newark | 3,855 | 1.05 | 40.54 | 79.50 | 8.20 | 16.09 | 1.58 | 3.11 | 2.54 | 10.1 |
| 389 Orange | 3,641 | 1.14 | 41.45 | 101.72 | 7.21 | 17.70 | 3.10 | 7.61 | 2.83 | 12.6 |
| 390 Passaic | 1,997 | 2.36 | 47.20 | 79.30 | 8.64 | 14.51 | | | | |
| 391 Paterson | 3,120 | 1.00 | 31.16 | 52.33 | 7.65 | 12.84 | | 3.45 | 3.11 | 8.2 |
| 392 Perth Amboy * | | | 30.63 | 82.54 | 4.74 | 12.78 | 1.02 | 2.75 | | |
| 393 Phillipsburg | 1,617 | 1.52 | 24.40 | 32.52 | 8.09 | 10.78 | 3.25 | 4.33 | 7.06 | 7.6 |
| 394 Plainfield | 6,489 | 1.53 | 102.50 | 145.10 | 13.65 | 19.39 | 7.95 | 11.26 | 3.32 | 15.3 |
| 395 Rahway | | | 22.45 | 34.38 | 10.81 | 16.56 | | | | |
| 396 Salem | 5,505 | 0.67 | 36.70 | 45.00 | 10.71 | 13.13 | 3.00 | 3.68 | 2.49 | |
| 397 Trenton | 4,492 | 0.74 | 33.55 | 61.30 | 7.81 | 14.28 | 1.79 | 3.27 | 2.14 | 9.0 |
| 398 Woodbury * | | | 33.68 | 52.53 | 8.90 | 13.88 | | | | |
| NEW YORK. | | | | | | | | | | |
| 399 Albany | 3,824 | 1.27 | 48.47 | 86.56 | 9.37 | 16.73 | 2.32 | 4.16 | 3.06 | 11.1 |
| 400 Albion | 3,153 | 2.37 | 74.70 | 93.78 | 13.50 | 16.95 | 2.79 | 3.51 | 5.17 | 10.0 |

* Statistics of 1887-88.

TABLE 21.—Comparative statistics for 1888-89 of property and expenditures of public schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | 1 | 2 | 3 | Value of school property per capita of— | | Cost of super- vision and teaching per capita of— | | Cost of inci- dentals per capita of— | | 10 | 11 |
|--------------------------|---------|------|-----------|-----------------------------------------|-----------------------------|---------------------------------------------------|-----------------------------|--------------------------------------|-----------------------------|-------------------|--------|
| | | | | Population 6-14. | Average daily attend- ance. | Population 6-14. | Average daily attend- ance. | Population 6-14. | Average daily attend- ance. | | |
| | | | Per cent. | | | | | | | Mills per dollar. | Cents. |
| NEW YORK—cont'd. | | | | | | | | | | | |
| 459 Schenectady | | | | | | \$8.73 | \$13.47 | \$1.33 | \$2.05 | | 8.2 |
| 460 Seneca Falls* | | | | \$40.45 | \$58.57 | 9.39 | 11.84 | 2.73 | 3.44 | | 7.7 |
| 461 Sing Sing | \$5,987 | 0.57 | | 34.16 | 40.13 | 13.58 | 16.33 | 5.00 | 5.88 | 3.16 | 11.5 |
| 462 Syracuse | 13,899 | 2.71 | | 78.45 | 100.92 | 11.58 | 14.39 | 1.54 | 2.03 | 4.53 | 8.7 |
| 463 Tarrytown* | 7,077 | 0.65 | | 45.78 | 64.39 | 14.27 | 20.08 | 3.53 | 4.96 | 2.52 | 13.1 |
| 464 Tonawanda* | 3,168 | 0.71 | | 24.71 | 43.07 | 4.95 | 8.65 | 0.79 | 1.38 | 1.81 | 5.1 |
| 465 Troy* | 4,729 | | | | | 10.61 | 20.69 | 1.89 | 3.69 | 2.52 | 12.6 |
| 466 Utica* | 3,482 | 1.52 | | 52.99 | 80.76 | 9.72 | 14.83 | 2.50 | 3.82 | 3.51 | 9.6 |
| 467 Waterloo | 4,924 | 0.99 | | 49.02 | 49.77 | 12.45 | 12.63 | 1.63 | 1.65 | 2.86 | 7.4 |
| 468 Watertown | 4,008 | 1.45 | | 58.29 | 75.80 | 11.11 | 14.45 | 2.08 | 2.70 | 3.29 | 8.7 |
| 469 West Troy | 1,635 | 0.92 | | 15.40 | 26.83 | 5.51 | 9.83 | | | | |
| 470 Whitehall | | | | 29.13 | 40.90 | 9.44 | 13.25 | 2.35 | 3.29 | | 8.2 |
| 471 Yonkers | 4,742 | 1.06 | | 50.45 | 107.75 | 10.77 | 23.00 | 4.89 | 10.44 | 3.30 | 17.6 |
| NORTH CAROLINA. | | | | | | | | | | | |
| 472 Asheville..... | | | | 25.89 | 38.60 | 6.51 | 9.70 | 1.25 | 1.87 | | 8.4 |
| 473 Durham | 4,514 | 0.02 | | 0.81 | | | | | | | |
| 474 Fayetteville | | | | 11.18 | 16.78 | | | | | | |
| 475 Goldsborough | 2,591 | 0.41 | | 10.70 | 17.86 | 4.92 | 8.21 | | | | |
| 476 Greensborough | 3,983 | 0.83 | | 32.93 | 54.70 | 6.48 | 10.77 | 0.62 | 1.03 | 1.78 | 6.9 |
| 477 New Berne | | 0.36 | | | 14.44 | | | | | | |
| 478 Raleigh | | | | 21.16 | 37.66 | 4.50 | 8.75 | 1.17 | 2.10 | | 7.2 |
| 479 Reidsville | | | | | | | | | | | |
| 480 Winston | | | | | | | | | | | |
| OHIO. | | | | | | | | | | | |
| 481 Akron | 3,615 | 3.25 | | 117.42 | 139.00 | 11.41 | 12.33 | 6.25 | 6.91 | 4.81 | 10.1 |
| 482 Alliance | 5,475 | 1.89 | | 103.60 | 101.82 | 9.59 | 9.43 | 3.94 | 3.87 | 2.47 | 7.1 |
| 483 Ashtabula | 5,746 | 1.38 | | 79.50 | 93.36 | 11.02 | 12.94 | 5.70 | 6.69 | 2.87 | 10.4 |
| 484 Bellaire* | | | | | | 6.43 | 9.33 | 3.90 | 5.66 | | 8.6 |
| 485 Bellefontaine | 4,724 | 1.67 | | 78.74 | 79.00 | 14.65 | 14.69 | 3.50 | 3.51 | 3.84 | 11.4 |
| 486 Bucyrus | 4,691 | 2.34 | | 109.75 | 124.33 | 9.65 | 10.94 | | | | |
| 487 Canton | | | | | | | | | | | |
| 488 Chillicothe | 2,635 | 2.63 | | 69.45 | 100.15 | 11.84 | 17.49 | | | | |
| 489 Cincinnati | 3,982 | 1.74 | | 69.36 | 108.78 | 14.59 | 22.85 | | | | |
| 490 Circleville | 4,895 | 1.78 | | 86.96 | 142.63 | 12.04 | 19.75 | 3.42 | 5.61 | 3.16 | |
| 491 Cleveland | 4,538 | 2.00 | | 90.86 | 108.20 | | | | | | |
| 492 Columbus | 5,555 | 1.46 | | 81.08 | 127.63 | 10.46 | 16.48 | 2.95 | 4.64 | 2.42 | 11.6 |
| 493 Dayton | | | | 80.35 | 116.32 | 14.63 | 21.25 | 4.19 | 6.08 | | 13.7 |
| 494 Defiance | | | | | | | 12.46 | | 5.51 | 3.25 | 9.7 |
| 495 Delaware* | | | | 100.25 | 110.23 | 10.95 | 12.03 | | | | |
| 496 Delphos* | | | | 40.79 | 53.21 | 8.15 | 10.63 | 1.48 | 1.93 | | 7.0 |
| 497 East Liverpool | | | | 34.03 | 49.92 | 6.08 | 8.91 | 5.50 | 8.07 | | 9.5 |
| 498 Elyria | 2,853 | 3.16 | | 90.36 | 108.12 | 13.54 | 15.96 | | | | |
| 499 Findlay* | 2,975 | 2.54 | | 72.97 | 88.88 | | | | | | |
| 500 Fostoria | | | | | | | | | | | |
| 501 Fremont | 3,451 | 1.60 | | 55.24 | 66.16 | 10.93 | 13.08 | | | | |
| 502 Gallon | 2,167 | 4.82 | | 104.5 | 105.50 | 9.92 | 10.02 | 5.65 | 5.71 | 7.14 | 8.3 |
| 503 Gallipolis | 2,004 | 1.96 | | 39.28 | 50.72 | 9.54 | 12.31 | 2.40 | 3.09 | 5.95 | 9.0 |
| 504 Greenville* | | | | | | 17.08 | 15.86 | | | | |
| 505 Hamilton | 3,132 | 1.11 | | 34.89 | 58.75 | 10.94 | 18.45 | 3.88 | 6.53 | 4.74 | 13.1 |
| 506 Ironton | | | | | | 9.53 | 11.50 | 3.14 | 3.79 | | 8.3 |
| 507 Kenton | | | | 77.10 | 80.16 | 12.89 | 13.47 | | | | |
| 508 Lancaster | | | | | 110.97 | | 15.59 | | 5.62 | | 11.1 |
| 509 Lima | 3,843 | 2.12 | | 81.70 | 100.40 | 8.91 | 10.96 | | | | |
| 510 Mansfield* | | | | 108.80 | 114.35 | 11.24 | 11.31 | | | | |
| 511 Marietta* | 3,283 | 1.20 | | 39.54 | 44.46 | 11.52 | 12.96 | 1.87 | 2.12 | 4.03 | 8.2 |
| 512 Marion* | | | | | 69.67 | 87.96 | | | | | |

* Statistics of 1887-88.

TABLE 21.—Comparative statistics for 1888-89 of property and expenditures of public schools of cities and villages containing over 4,000 inhabitants—Continued.

| | City. | Cash value of taxable property in city per capita of population 6-14. | Ratio of value of school property to total taxable property. | Value of school property per capita of— | | Cost of super- vision and teaching per capita of— | | Cost of inci- dentals per capita of— | | Ratio of cost of tuition and inci- dentals to total cash value of taxable property in city. | Average cost per day of tuition and incidentals for each pupil. |
|-----------------|----------------------|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-----------------------------|---------------------------------------------------|-----------------------------|--------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| | | | | Population 6-14. | Average daily attend- ance. | Population 6-14. | Average daily attend- ance. | Population 6-14. | Average daily attend- ance. | | |
| 1 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| OHIO—continued. | | | Per cent. | | | | | | | Mills per dollar. | Cents. |
| 513 | Martin's Ferry..... | | | | | \$8.73 | \$10.37 | \$1.92 | \$2.28 | | 6.9 |
| 514 | Massillon*..... | | | | \$64.04 | 94.12 | | | | | |
| 515 | Middletown..... | \$3,916 | 1.06 | \$94.52 | 164.00 | 10.25 | 17.79 | 2.90 | 5.03 | 1.48 | 12.0 |
| 516 | Mount Vernon*..... | 5,253 | 1.66 | 87.28 | 95.08 | | | | | | |
| 517 | Nelsonville*..... | 2,425 | 3.12 | 75.67 | 82.83 | 7.93 | 8.69 | 6.67 | 7.30 | 6.02 | 8.9 |
| 518 | Newark..... | | | 71.29 | 84.10 | 11.36 | 13.41 | 8.03 | 9.47 | | 12.6 |
| 519 | Norwalk..... | | | 76.62 | 108.61 | 11.28 | 16.00 | | | | |
| 520 | Painesville..... | 5,659 | 2.19 | 124.28 | 150.40 | 16.53 | 19.92 | 4.72 | 5.69 | 3.73 | 12.9 |
| 521 | Piqua..... | 3,331 | 2.34 | 77.90 | 147.23 | 8.75 | 16.53 | 4.72 | 8.91 | 4.04 | 14.2 |
| 522 | Pomeroy..... | 1,473 | | | | 8.62 | 11.07 | 2.45 | 3.14 | 7.44 | 7.8 |
| 523 | Portsmouth..... | 1,867 | 4.11 | 76.60 | 114.72 | 8.13 | 12.15 | 3.84 | 5.73 | 6.42 | 9.6 |
| 524 | Salem*..... | | | 55.50 | 67.30 | 12.21 | 14.80 | | | | |
| 525 | Sandusky..... | 4,028 | 1.65 | 65.47 | 92.10 | 8.41 | 11.66 | 2.93 | 4.06 | 2.82 | 8.0 |
| 526 | Sidney..... | 5,272 | 1.21 | 63.64 | 70.40 | 13.76 | 15.22 | | | | |
| 527 | Springfield*..... | | | 53.44 | 70.23 | 11.92 | 15.69 | 4.33 | 5.70 | | |
| 528 | Steubenville..... | 2,125 | 2.88 | 61.15 | 87.80 | 10.89 | 15.31 | 2.41 | 3.46 | 6.14 | 9.8 |
| 529 | Tiffin..... | 4,078 | 1.92 | 78.21 | 121.95 | 8.88 | 13.84 | 2.29 | 3.41 | 2.74 | 9.0 |
| 530 | Toledo..... | | | 55.97 | 99.20 | 7.43 | 13.16 | 2.96 | 5.25 | | 9.2 |
| 531 | Troy..... | 6,207 | 2.41 | 149.52 | 162.81 | 17.58 | 19.14 | 7.48 | 8.14 | 4.04 | 14.0 |
| 532 | Urbana*..... | 5,611 | 1.61 | 90.28 | 122.00 | 12.47 | 16.85 | 7.30 | 9.86 | 3.52 | 14.7 |
| 533 | Van Wert..... | | | 69.31 | 65.76 | | | | | | |
| 534 | Warren*..... | | | 99.27 | 123.87 | | | | | | |
| 535 | Washington C. H..... | | | 53.60 | 51.84 | 17.62 | 17.04 | 4.12 | 3.97 | | 11.5 |
| 536 | Wooster*..... | | | | | 12.89 | 13.44 | | | | |
| 537 | Xenia*..... | 3,418 | 2.24 | 67.58 | 86.96 | | | | | | |
| 538 | Youngstown..... | 3,521 | 1.56 | 54.88 | 82.21 | 7.95 | 11.91 | | | | |
| 539 | Zanesville*..... | | | 72.03 | 101.75 | 11.44 | 16.17 | | | | |
| OREGON. | | | | | | | | | | | |
| 540 | Astoria..... | | | 148.83 | | 18.17 | | 15.87 | | | |
| 541 | Portland..... | 10,710 | 0.86 | 92.80 | 122.20 | 19.15 | 25.21 | 5.39 | 7.09 | 2.29 | 17.1 |
| 542 | Salem..... | | | 65.54 | 131.81 | 8.46 | 17.02 | 4.07 | 8.19 | | 13.4 |
| PENNSYLVANIA. | | | | | | | | | | | |
| 543 | Allegheny..... | | | | 101.70 | | 12.92 | | 9.68 | | |
| 544 | Allentown..... | | 5.43 | | 156.80 | | 10.97 | | 9.79 | 7.19 | 10.8 |
| 545 | Altoona..... | | 2.47 | | 80.95 | | 9.51 | | 3.47 | 3.96 | 7.2 |
| 546 | Ashland..... | | 1.52 | | 39.28 | | 8.06 | | 5.21 | 5.13 | 7.4 |
| 547 | Beaver Falls..... | | 2.26 | | 62.05 | | 9.12 | | 5.21 | 5.21 | 9.0 |
| 548 | Bellefonte..... | | 2.38 | | 84.74 | | 9.73 | | | | |
| 549 | Bethlehem*..... | | | | 127.13 | | 9.53 | | 3.01 | | 6.3 |
| 550 | Bloomsburgh*..... | | | | | | 9.11 | | 4.98 | | |
| 551 | Braddock*..... | 3,597 | 2.48 | 89.24 | 60.96 | 12.64 | 8.63 | 4.72 | 3.22 | 4.83 | 6.2 |
| 552 | Bradford..... | | 6.39 | | 44.79 | | 11.03 | | 3.03 | 20.11 | 7.8 |
| 553 | Bristol..... | | 1.15 | | 78.66 | | 12.91 | | 5.49 | 2.69 | 9.2 |
| 554 | Butler..... | | 2.48 | | 81.17 | | 9.51 | | 3.71 | 4.05 | 8.4 |
| 555 | Caibondale*..... | | 1.13 | | | | | | | 4.79 | |
| 556 | Carlisle..... | | | | 41.32 | | 9.65 | | 3.85 | | 6.7 |
| 557 | Chambersburgh..... | | 1.95 | | 44.66 | | 10.23 | | 2.63 | 5.61 | 7.2 |
| 558 | Chester..... | | 1.35 | | 78.37 | | 12.28 | | 3.39 | 2.71 | 7.9 |
| 559 | Columbia..... | 3,243 | 1.14 | 36.09 | 31.89 | 10.19 | 8.80 | | | | |
| 560 | Connellsville..... | | 0.12 | | 38.32 | | 9.07 | | 3.80 | 0.39 | 8.0 |
| 561 | Conshohocken..... | | 1.39 | | 73.69 | | 13.73 | | 5.25 | 3.57 | 9.5 |
| 562 | Corry..... | | 4.18 | | 66.65 | | 10.13 | | 8.09 | 11.42 | 10.1 |
| 563 | Danville..... | | | | 68.67 | | 9.47 | | 3.78 | | 7.8 |
| 564 | Du Bois..... | | 4.34 | | 24.85 | | 9.86 | | 1.71 | 20.21 | 8.3 |
| 565 | Dunmore..... | 2,729 | 1.37 | 37.38 | 33.25 | 9.47 | 8.42 | 2.01 | 1.75 | 4.21 | 5.1 |
| 566 | Easton*..... | | | | | | 15.12 | | 10.83 | | |

* Statistics of 1887-88.

TABLE 21.—Comparative statistics for 1888-89 of property and expenditures of public schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | Cash value of taxable property in city per capita of population 6-14. | Ratio of value of school property to total taxable property. | Value of school property per capita of— | | Cost of supervision and teaching per capita of— | | Cost of incidentals per capita of— | | Ratio of cost of tuition and incidentals to total cash value of taxable property in city. | Average cost per day of tuition and incidentals for each pupil. |
|----------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|---------------------------|-------------------------------------------------|---------------------------|------------------------------------|---------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| | | | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| PENNSYLVANIA—continued. | | | | | | | | | | Mills per dollar. Cents. |
| 567 Erie | | 2.54 | | \$88.84 | | \$14.42 | | \$5.03 | 5.56 | |
| 568 Franklin* | | | | | | 10.88 | | 4.22 | | |
| 569 Greenville | | | | | | 10.34 | | 1.56 | | 7.9 |
| 570 Harrisburg | | 2.15 | | 88.11 | | 12.98 | | 3.90 | 4.12 | 8.6 |
| 571 Hazleton | | 1.32 | | 50.22 | | 10.81 | | 2.35 | 3.46 | 7.4 |
| 572 Honesdale | \$4,434 | 1.80 | \$79.82 | 63.37 | \$12.29 | 9.99 | \$27.69 | 22.01 | 9.02 | 18.8 |
| 573 Huntingdon | | | | 64.07 | | 8.05 | | 2.72 | | 6.4 |
| 574 Johnstown* | | | | 84.16 | | 10.88 | | 2.81 | | 7.6 |
| 575 Lancaster | | 1.83 | | 77.60 | | 11.68 | | | | |
| 576 Lebanon* | 5,684 | 1.18 | 67.13 | 51.16 | 9.81 | 7.10 | 2.20 | 1.68 | 2.02 | 4.9 |
| 577 Lock Haven | | | | 53.75 | | 8.74 | | 1.55 | | |
| 578 McKeesport | | 1.46 | | 69.52 | | 9.50 | | 3.93 | 2.82 | 7.5 |
| 579 Mahanoy | | 2.68 | | 46.81 | | 8.09 | | 3.98 | 6.90 | 6.7 |
| 580 Mauch Chunk* | | | | | | 12.09 | | 6.59 | | |
| 581 Meadville | | 3.25 | | 85.98 | | 13.37 | | 4.73 | 6.85 | 10.1 |
| 582 Mechanicsburgh | | 0.61 | | 26.60 | | 19.65 | | 2.65 | | |
| 583 Middletown* | | | | | | 7.40 | | 4.20 | | |
| 584 Monongahela* | | | | 80.54 | | 10.34 | | 4.22 | | 9.1 |
| 585 Nanticoke | | | | 48.63 | | 9.01 | | 2.34 | | 6.3 |
| 586 New Brighton* | | | | 38.64 | | 8.62 | | 5.23 | | 7.6 |
| 587 New Castle | | 1.41 | | 55.55 | | 10.37 | | 4.39 | 3.75 | 8.2 |
| 588 Norristown | | 1.94 | | 101.90 | | 15.30 | | 4.40 | 3.76 | 9.8 |
| 589 Oil City* | | | | | | 11.51 | | 7.68 | | |
| 590 Philadelphia | | 1.16 | | 76.47 | | 14.96 | | | | |
| 591 Phoenixville | 4,445 | 1.11 | 49.36 | 47.77 | 10.86 | 10.51 | 4.47 | 4.32 | 3.45 | 8.2 |
| 592 Pittsburgh* | | 0.80 | | 91.95 | | 15.80 | | 6.61 | 1.95 | 11.2 |
| 593 Pittston | | 2.26 | | 72.01 | | 9.66 | | 2.95 | 3.96 | 6.9 |
| 594 Plymouth | | 0.94 | | 43.71 | | 7.83 | | 1.95 | 2.10 | 6.3 |
| 595 Pottstown | | 1.25 | | 75.10 | | 10.50 | | 6.19 | 2.79 | 8.5 |
| 596 Pottsville | | 1.87 | | 122.40 | | 13.99 | | 5.30 | 2.95 | 9.6 |
| 597 Reading | | 1.98 | | 107.18 | | 10.58 | | 4.98 | 2.87 | 7.8 |
| 598 Renovo | | | | | | 8.50 | | 7.18 | | |
| 599 St. Clair* | | | | | | 8.29 | | 2.67 | | |
| 600 Scranton | | 0.82 | | 48.02 | | 10.80 | | 2.89 | 2.35 | 7.0 |
| 601 Shamokin* | | | | | | 6.61 | | 2.52 | | |
| 602 Sharon* | | | | | | 8.83 | | 2.87 | | |
| 603 Shenandoah | | 1.65 | | 46.80 | | 9.96 | | 3.95 | 4.91 | 7.7 |
| 604 South Bethlehem* | 5,386 | 1.23 | 65.90 | 69.08 | 10.33 | 10.83 | 2.24 | 2.35 | 2.34 | 6.6 |
| 605 South Easton | | 1.17 | | 51.05 | | 9.75 | | 2.41 | 2.79 | 6.1 |
| 606 Steelton | | 1.00 | | 31.52 | | 10.68 | | 2.91 | 4.32 | 7.6 |
| 607 Sunbury | | | | | | 8.48 | | 2.81 | | |
| 608 Susquehanna | | | | 73.51 | | 8.73 | | 5.63 | | 8.0 |
| 609 Tamaqua | | 1.94 | | 56.69 | | 8.03 | | 2.29 | 3.54 | |
| 610 Titusville | | 2.97 | | 56.68 | | 13.82 | | 6.41 | 10.62 | 10.7 |
| 611 Towanda* | | | | | | 13.33 | | 4.10 | | |
| 612 Uniontown | | 1.39 | | 82.80 | | 10.05 | | 3.05 | 2.20 | 8.2 |
| 613 Warren | | | | 71.32 | | 15.14 | | 4.16 | | 10.7 |
| 614 Washington | | 1.45 | | 52.56 | | 11.27 | | | | |
| 615 West Chester | | 2.22 | | 170.70 | | 18.52 | | 9.06 | 3.60 | 14.1 |
| 616 Wilkes Barre | | | | 55.60 | | 11.20 | | 2.66 | | 7.9 |
| 617 Williamsport | | 1.75 | | 70.25 | | 12.69 | | 3.47 | 4.04 | 9.0 |
| 618 York | | 2.02 | | 67.22 | | 11.04 | | 2.08 | 3.96 | 7.3 |
| RHODE ISLAND. | | | | | | | | | | |
| 619 Bristol | 5,861 | 1.16 | 67.92 | 81.66 | 10.35 | 12.44 | | | | |
| 620 Central Falls | | | | 82.92 | | 9.73 | | 4.00 | | 6.9 |
| 621 Newport | 10,680 | 0.52 | 56.00 | 79.81 | 13.98 | 19.93 | 3.77 | 5.38 | | |
| 622 Pawtucket | 5,611 | 1.44 | 80.61 | 110.4 | 10.51 | 15.71 | 5.79 | 7.92 | 3.68 | 11.8 |
| 623 Providence | 7,463 | 0.83 | 62.10 | 88.48 | 12.39 | 17.65 | 2.30 | 3.27 | 1.97 | 11.2 |
| 624 Woonsocket | | | | | 7.70 | 19.33 | 2.44 | 6.19 | | 13.1 |

*Statistics of 1887-88.

TABLE 21.—Comparative statistics for 1882-89 of property and expenditures of public schools of cities and villages containing over 4,000 inhabitants—Continued.

| | City. | Cash value of taxable property in city per capita of population 6-14. | Ratio of value of school property to total taxable property. | Value of school property per capita of— | | Cost of supervision and teaching per capita of— | | Cost of incidentals per capita of— | | Ratio of cost of tuition and incidentals to total cash value of taxable property in city. | Average cost per day of tuition and incidentals for each pupil. |
|-----|----------------------|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|---------------------------|-------------------------------------------------|---------------------------|------------------------------------|---------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| | | | | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | SOUTH CAROLINA. | | Per cent. | | | | | | | Mills per dollar. | Cents. |
| 625 | Charleston..... | | | \$20.96 | \$25.89 | \$11.53 | \$14.25 | \$1.56 | \$1.93 | | 9.0 |
| 626 | Columbia..... | | | | 27.59 | | | | | | |
| 627 | Greenville*..... | | 0.52 | | 42.98 | | 6.97 | | 1.57 | 1.03 | 4.7 |
| 628 | Spartanburg..... | | 0.65 | | 30.20 | | 6.84 | | 0.44 | 1.56 | 4.1 |
| | TENNESSEE. | | | | | | | | | | |
| 629 | Chattanooga..... | | | 50.01 | 72.95 | 7.58 | 11.05 | 0.99 | 1.44 | | 7.1 |
| 630 | Clarksville..... | \$2,990 | 0.76 | 22.83 | 55.62 | 6.25 | 9.76 | 0.93 | 1.45 | 2.40 | |
| 631 | Jackson..... | | | 6.21 | 10.35 | 4.71 | 7.89 | | | | |
| 632 | Knoxville..... | 1,821 | 1.28 | 23.34 | 41.12 | 6.06 | 10.67 | 0.77 | 1.37 | 3.75 | 6.4 |
| 633 | Memphis..... | | | | | | 14.48 | | 5.14 | | 11.3 |
| 634 | Nashville..... | | | 27.34 | 45.89 | 8.27 | 13.89 | 1.31 | 2.21 | | 8.9 |
| 635 | Union City..... | 1,179 | 1.74 | 20.48 | 31.31 | 5.72 | 8.75 | 0.63 | 0.95 | 5.39 | 5.4 |
| | TEXAS. | | | | | | | | | | |
| 636 | Austin..... | 2,497 | 0.55 | 13.77 | 28.27 | 7.65 | 15.75 | 1.52 | 3.13 | 3.67 | 10.6 |
| 637 | Brenham..... | 2,209 | 0.81 | 18.32 | 36.78 | 9.10 | 18.22 | 0.80 | 1.60 | 4.37 | 10.5 |
| 638 | Brownsville..... | | | 0.80 | 3.98 | 3.59 | 17.86 | 1.07 | 5.32 | | 12.1 |
| 639 | Dallas..... | 2,223 | 0.90 | 20.09 | 83.80 | 4.39 | 18.32 | 0.93 | 3.89 | 2.39 | |
| 640 | Dennison..... | | | 57.63 | 110.55 | 7.43 | 14.26 | 2.47 | 4.74 | | 10.9 |
| 641 | El Paso..... | 5,350 | 0.64 | 31.63 | 70.21 | 12.10 | 24.53 | 2.70 | 5.47 | 3.30 | 19.8 |
| 642 | Fort Worth..... | 5,028 | 0.53 | 26.77 | 42.96 | 9.50 | 15.24 | 1.93 | 3.10 | 2.27 | 10.2 |
| 643 | Galveston..... | 1,899 | 1.93 | 36.65 | 128.00 | 5.25 | 18.85 | 1.16 | 4.05 | 3.38 | 13.5 |
| 644 | Houston..... | 2,244 | 0.75 | 16.98 | 50.54 | 4.79 | 14.26 | 1.19 | 3.56 | 2.67 | 10.2 |
| 645 | Marshall..... | | | | | 3.06 | 7.11 | 0.66 | 1.55 | | 8.7 |
| 646 | Palestine..... | | 0.70 | | | | | | | | |
| 647 | Paris..... | 2,050 | 0.88 | 18.04 | 45.67 | 6.16 | 15.60 | 0.25 | 0.62 | 3.13 | 9.0 |
| 648 | San Antonio*..... | | | 14.35 | 70.43 | 4.36 | 21.38 | 0.31 | 1.54 | | 11.4 |
| 649 | Sherman..... | 2,677 | 1.87 | 36.43 | 70.32 | 6.19 | 11.95 | 1.33 | 2.57 | 2.81 | 8.1 |
| 650 | Waco..... | | | 34.63 | 65.30 | 8.63 | 15.83 | 0.91 | 1.78 | | |
| | UTAH. | | | | | | | | | | |
| 651 | Logan..... | | | 13.92 | 39.81 | 4.54 | 13.28 | | | | |
| 652 | Ogden City..... | 3,733 | 0.81 | 30.35 | 84.10 | 3.45 | 9.57 | 2.32 | 6.43 | 1.54 | 8.2 |
| 653 | Provo City*..... | | | 42.82 | 125.33 | 5.28 | 15.45 | 0.52 | 1.54 | | |
| 654 | Salt Lake City..... | | 0.42 | | 48.40 | | 11.20 | | | | |
| | VERMONT. | | | | | | | | | | |
| 655 | Bennington*..... | | 1.57 | | 131.07 | | 12.36 | | 8.10 | 2.45 | 10.5 |
| 656 | Brattleborough..... | 5,985 | 2.01 | 121.28 | 100.10 | 17.11 | 14.23 | | | | |
| 657 | Burlington..... | | | | | 13.32 | 16.62 | 5.92 | 7.39 | | 14.2 |
| 658 | Rutland..... | | | 26.18 | 31.68 | 5.77 | 18.01 | 1.34 | 4.20 | | 11.7 |
| 659 | St. Albans..... | | | | | | | | | | |
| 660 | St. Johnsbury α..... | | | | | | | | | | |
| | VIRGINIA. | | | | | | | | | | |
| 661 | Alexandria..... | 1,599 | 0.81 | 12.99 | 27.22 | 4.48 | 9.49 | 1.29 | 2.71 | 3.61 | 6.3 |
| 662 | Danville..... | | | 10.42 | 19.48 | 7.27 | 13.60 | 1.85 | 3.46 | | 9.3 |
| 663 | Fredericksburgh..... | 1,742 | 0.75 | 13.08 | 17.26 | 5.26 | 6.94 | 1.15 | 1.52 | 3.68 | 4.5 |
| 664 | Lynchburgh*..... | | | 21.58 | 31.76 | 7.27 | 10.71 | 0.86 | 1.26 | | 6.2 |
| 665 | Manchester..... | | | 21.60 | 44.12 | 4.06 | 8.30 | 1.17 | 2.89 | | 6.0 |
| 666 | Norfolk..... | 5,403 | 0.34 | 18.59 | 45.16 | | | | | | |
| 667 | Petersburgh..... | | 0.74 | | 30.96 | | 8.71 | | 1.87 | 2.54 | 5.7 |
| 668 | Portsmouth..... | | | 28.44 | 50.57 | 5.93 | 10.54 | 1.24 | 2.20 | | 6.4 |

* Statistics of 1887-88.

α Owing to a change in the school year this report covers the period between April 1, 1888, and June 30, 1889.

TABLE 21.—Comparative statistics for 1888-89 of property and expenditures of public schools of cities and villages containing over 4,000 inhabitants—Continued.

| City. | Cash value of taxable property in city per capita of population 6-14. | Ratio of value of school property to total taxable property. | Value of school property per capita of— | | Cost of supervision and teaching per capita of— | | Cost of incidentals per capita of— | | Ratio of cost of tuition and incidentals to total cash value of taxable property in city. | Average cost per day of tuition and incidentals for each pupil. | |
|---------------------|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|---------------------------|-------------------------------------------------|---------------------------|------------------------------------|---------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------|
| | | | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | Population 6-14. | Average daily attendance. | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| VIRGINIA—continued. | | | Per cent. | | | | | | Mills per dollar. | Cents. | |
| 669 | Richmond..... | \$3,566 | 0.90 | \$22.39 | \$41.65 | \$9.39 | \$12.07 | \$1.72 | \$2.22 | 3.11 | 7.5 |
| 670 | Roanoke..... | | | 37.04 | 34.43 | 6.09 | 5.67 | 0.96 | 0.89 | | 4.1 |
| 671 | Staunton..... | 2,856 | 1.15 | 27.24 | 33.40 | 7.90 | 9.46 | 1.56 | 1.91 | 3.96 | 6.7 |
| 672 | Winchester..... | 2,667 | 0.61 | 16.34 | 23.22 | 4.90 | 8.46 | 1.09 | 1.83 | 2.24 | 5.6 |
| WASHINGTON. | | | | | | | | | | | |
| 673 | Seattle..... | | | | | 7.96 | 16.35 | 3.92 | 8.06 | | |
| 674 | Spokane Falls..... | 6,613 | 1.29 | 85.58 | 104.80 | 11.53 | 14.14 | 3.53 | 4.32 | 2.28 | 9.2 |
| 675 | Tacoma..... | 18,053 | 1.18 | 213.10 | 198.50 | 18.76 | 17.52 | 6.89 | 6.43 | 1.42 | 12.0 |
| 676 | Walla Walla..... | 6,113 | 1.40 | 89.72 | 177.29 | 7.98 | 15.78 | | | | |
| WEST VIRGINIA. | | | | | | | | | | | |
| 677 | Charleston..... | | | 37.88 | 52.47 | | | | | | |
| 678 | Grafton..... | 1,624 | 1.36 | 22.09 | 26.01 | 5.47 | 6.53 | 1.04 | 1.25 | 4.00 | 4.9 |
| 679 | Martinsburgh..... | 1,761 | 1.64 | 28.85 | 31.61 | 6.08 | 6.67 | 3.49 | 3.82 | 5.42 | 5.5 |
| 680 | Parkersburgh..... | | | 73.90 | 85.76 | 13.02 | 15.11 | 4.27 | 4.95 | | 10.0 |
| 681 | Wheeling..... | 4,377 | 1.08 | 47.16 | 70.28 | 9.17 | 13.67 | 2.71 | 4.04 | 2.72 | 8.9 |
| WISCONSIN. | | | | | | | | | | | |
| 682 | Appleton..... | 3,619 | 2.25 | 83.35 | 108.60 | 10.49 | 13.70 | 5.68 | 7.42 | 4.37 | 12.3 |
| 683 | Baraboo..... | 3,967 | 1.21 | 47.78 | 43.36 | 13.47 | 12.22 | 2.84 | 2.58 | 4.11 | 8.3 |
| 684 | Beaver Dam*..... | | | 52.95 | 79.84 | 7.27 | 10.96 | | | | |
| 685 | Beloit..... | 3,727 | 3.35 | 124.90 | 126.40 | 12.31 | 12.47 | 3.53 | 3.57 | 4.35 | 8.6 |
| 686 | Berlin..... | 2,097 | 3.65 | 76.43 | 93.24 | 10.18 | 12.41 | 3.63 | 4.43 | 6.59 | 9.4 |
| 687 | Chippewa Falls..... | | | 46.91 | 77.36 | 8.62 | 14.22 | 1.78 | 2.93 | | 9.6 |
| 688 | Eau Claire..... | 3,316 | 0.99 | 32.95 | 47.64 | 10.10 | 14.60 | 2.91 | 4.20 | 3.92 | 10.5 |
| 689 | Fond du Lac..... | 1,958 | 2.54 | 49.80 | 74.39 | 6.91 | 10.32 | 3.25 | 4.86 | 5.19 | 7.7 |
| 690 | Fort Howard..... | | | 42.84 | 64.42 | 8.75 | 13.16 | 1.82 | 2.73 | | 8.4 |
| 691 | Green Bay..... | 1,956 | 2.60 | 50.88 | 77.84 | 9.08 | 14.22 | 1.31 | 2.01 | 5.27 | 8.1 |
| 692 | Janesville..... | | | 45.12 | 135.80 | | 12.57 | | 4.43 | | 8.9 |
| 693 | Kenosha..... | 1,581 | 2.85 | 45.04 | | 7.34 | | 1.83 | | 5.91 | |
| 694 | La Crosse..... | 2,618 | 2.34 | 60.59 | 79.54 | 11.07 | 14.53 | 2.73 | 3.53 | 5.27 | 9.2 |
| 695 | Madison..... | 4,310 | 2.63 | 113.20 | 158.83 | 10.12 | 14.19 | 4.14 | 5.81 | 3.31 | 10.8 |
| 696 | Marinette*..... | | | 45.12 | | 9.87 | | | | | |
| 697 | Menasha..... | 1,739 | 1.19 | 20.71 | 37.34 | 7.08 | 12.73 | 1.95 | 3.53 | 5.19 | 8.6 |
| 698 | Menomonie..... | 3,226 | 1.22 | 39.41 | 84.88 | 13.44 | 11.40 | 5.00 | 4.42 | 5.70 | 9.1 |
| 699 | Merrill..... | 3,164 | 1.06 | 33.68 | 36.96 | | | | | | |
| 700 | Milwaukee..... | 3,019 | 1.31 | 39.50 | 66.33 | 9.80 | 16.46 | 2.59 | 4.35 | 4.01 | 11.5 |
| 701 | Monroe..... | 5,428 | 1.14 | 61.94 | | 10.66 | | 3.35 | | 2.58 | |
| 702 | Neeah..... | 2,517 | 1.93 | 48.64 | 75.09 | 7.61 | 11.80 | 2.94 | 4.55 | 4.19 | 8.9 |
| 703 | Oconto..... | | | 33.06 | 55.60 | 9.56 | 10.29 | 0.82 | 0.89 | | 4.8 |
| 704 | Oshkosh..... | | | | | 8.03 | | 2.13 | | | 11.5 |
| 705 | Portage..... | 2,433 | 2.24 | 54.46 | 82.68 | 9.52 | 14.45 | 2.09 | 3.18 | 4.77 | 8.8 |
| 706 | Racine..... | 2,090 | 1.66 | 34.76 | 56.73 | 7.92 | 12.94 | 1.29 | 2.12 | 4.41 | 7.6 |
| 707 | Sheboygan..... | 1,399 | 2.33 | 32.56 | 53.92 | 6.52 | 11.20 | 2.16 | 3.71 | 6.20 | 7.7 |
| 708 | Stevens Point..... | | | 37.15 | 64.03 | 7.06 | 12.18 | | | | |
| 709 | Watertown*..... | 1,586 | 1.56 | 29.35 | 60.40 | 6.25 | 12.85 | 1.61 | 3.31 | 4.17 | 8.1 |
| 710 | Waukesha..... | 6,937 | 1.51 | 104.34 | 95.02 | 14.05 | 12.77 | 7.19 | 6.53 | 3.06 | 10.4 |
| 711 | Wausau..... | 2,494 | 0.98 | 24.61 | 33.96 | 6.57 | 9.07 | 1.56 | 2.15 | 3.26 | |
| 712 | White Water..... | 3,207 | 1.50 | 43.27 | 63.98 | 12.52 | 16.60 | 2.56 | 3.40 | 4.70 | 10.2 |
| WYOMING. | | | | | | | | | | | |
| 713 | Cheyenne..... | | 1.31 | | 127.03 | | | | | | |

* Statistics of 1887-88.

List of cities and villages, containing over 4,000 inhabitants, which presumably maintain school systems, but concerning which no information is at hand.

| City. | State. | City. | State. |
|-------------------------------|--------------|-----------------------|-----------------|
| Gadsden <i>a</i> | Alabama. | Dixon | Illinois. |
| Tombstone | Arizona. | East St. Louis | Do. |
| Eureka Springs | Arkansas. | Englewood | Do. |
| Hot Springs | Do. | Mattoon | Do. |
| Alameda | California. | Waukegan | Do. |
| Napa City <i>b</i> | Do. | Marysville | Kansas. |
| Nevada City <i>b</i> | Do. | Frankfort | Kentucky. |
| San Diego | Do. | Henderson | Do. |
| Santa Ana | Do. | Maysville | Do. |
| Santa Barbara | Do. | Baton Rouge | Louisiana. |
| Stockton | Do. | Shreveport | Do. |
| Denver, District No. 2 | Colorado. | Annapolis | Maryland. |
| Denver, District No. 17 | Do. | Cumberland | Do. |
| Ansonia | Connecticut. | Helena | Montana. |
| Birmingham | Do. | Bath | New York. |
| Danbury | Do. | Corning | Do. |
| Danielsonville | Do. | Edgewater | Do. |
| Waterbury | Do. | Niagara Falls | Do. |
| Fernandina <i>c</i> | Florida. | Nyack | Do. |
| Gainesville <i>b</i> | Do. | Port Richmond | Do. |
| Jacksonville <i>c</i> | Do. | Saugerties | Do. |
| Key West <i>b</i> | Do. | Charlotte | North Carolina. |
| Tallahassee | Do. | Salisbury | Do. |
| Brunswick | Georgia. | Wilmington | Do. |
| Milledgeville <i>b</i> | Do. | Albany | Oregon. |
| Thomasville <i>b</i> | Do. | Columbia | Tennessee. |
| Alton | Illinois. | Murfreesborough | Do. |
| Collinsville | Do. | Manitowoc | Wisconsin. |

b No city organization.

c Organization of schools prevented by yellow fever.

a No city school system prior to 1889-90.

CHAPTER XXVI.

SCHOOLS FOR THE TRAINING OF TEACHERS.

NOTABLE EVENTS FOR 1888-89.

NEW SCHOOLS.

In three States the legislature has provided for a new normal school. Colorado calls into existence her first school, Connecticut her second, and New York her tenth in addition to putting the sixty or seventy normal classes of the academies under the control of the State superintendent, who intends to transform them into veritable training classes for the education of teachers as far as may be done with schools having so short a session. The school at Slippery Rock, Pa., and that for colored teachers at Montgomery, Ala., have been opened under favorable circumstances.

THE COLORADO SCHOOL.

Section 1 of the act creating a State normal school in Colorado reads as follows :

"A State normal school is hereby established at or near the city of Greeley, the purpose of which shall be instruction in the science and art of teaching, with the aid of a suitable practice department, and in such branches of knowledge as shall qualify teachers for their profession : *Provided*, That a donation shall be made of a site for said State normal school, consisting of forty acres of land, with a building erected thereon, according to plans and specifications furnished by the State board of education, and to cost not less than \$25,000, \$10,000 of which shall be paid by the State, as hereinafter provided."

The school is to be under the control of a board of six trustees appointed by the governor for a term of six years, the terms of two expiring every two years, who have also general supervision, control, and direction of its funds. They appoint the faculty and fix their salaries, and with the advice and consent of the faculty prescribe the various books to be used in the school, the courses of study and instruction (which shall in no case have fewer than three years), make all needful rules and regulations, and fix the qualifications for admission.

Every applicant for admission shall undergo an examination by the faculty, and if the applicant is not of good character or fails to pass he is to be rejected. The school is open to all persons sixteen years of age or more who are residents of the State, and to nonresidents "upon payment of a rate of tuition to be fixed by the board." To enable residents to receive tuition free they must have signed (and filed with the board of trustees) a declaration "to engage in the business of teaching in the public schools of this State."

Diplomas are granted to such students as have completed the full course of instruction and have been recommended by the faculty after having passed an examination conducted by a board composed of the State superintendent of public instruction, a county superintendent of schools within the State, and the principal. When a certified copy of this has been filed in the office of the superintendent of the county wherein the holder designs to teach, the holder is licensed to teach in any of the public schools of the State.

The trustees are to make an annual report, which is to include, among other matters, "the attendance each day, the average attendance for each week and term, and during the year, the full curriculum of instruction in said school, the classification and departments thereof, the branches taught, time devoted to each, text-books and apparatus in use, requirements for admission and graduation."

In addition to the \$10,000 appropriated for buildings, an additional \$10,000 is provided by the State for furnishing them.

THE CONNECTICUT SCHOOL AT WILLIMANTIC.

The acts creating a second State normal school and locating it at Willimantic were passed in 1829. Section 1 of the organic act relates that "The State board of education shall maintain two normal schools as seminaries for training teachers in the art of instructing and governing in the public schools of the State, one of which shall be located east of the Connecticut River [the one already established being west of the Connecticut], and such sum as the State board of education may in each year deem necessary for their support, not exceeding in any year \$40,000 in the aggregate, shall be annually paid therefor from the treasury of the State on the order of the said board. The appointment and general management of teachers is under the control of State board, as also the finances.

Tuition is gratuitous and the regulations for admission and the number of pupils are fixed by the State board. The candidates for admission are selected by the school visitors of each town, and must file with the board a written declaration "that their object in securing admission to such school is to become qualified to teach in public schools, and that they intend to teach in the public schools of this State."

The State board may establish and maintain model schools.

By a subsequent act the school was located at Willimantic, and \$75,000 appropriated for its establishment. This appropriation, however, did not become available until the township of Windham had furnished a satisfactory site and had agreed to furnish "suitable and sufficient school buildings and model and practice schools in connection with the training department of said normal school."

THE NEW YORK SCHOOL AT PLATTSBURGH.

By "an act to establish a normal and training school at the village of Plattsburgh" it is related that—

SECTION 1. There shall be established at the village of Plattsburgh, in the county of Clinton, a normal and training school: *Provided, however, and upon the condition*, That within one year from the passage of this act a suitable site shall be conveyed to the State for said institution, to be approved and accepted by the commissioners. * * *

SEC. 2. Upon the acceptance of such conveyance, the superintendent of public instruction shall appoint a local board of managers for such school, consisting of not less than three persons. * * *

SEC. 3. Upon the appointment of such board of managers, there shall be erected upon such site suitable buildings for such normal and training school * * * at an expense not to exceed \$60,000.

THE TRANSFER OF THE TRAINING CLASSES IN THE ACADEMIES AND UNION SCHOOLS OF NEW YORK FROM THE MANAGEMENT OF THE BOARD OF REGENTS TO THAT OF THE STATE SUPERINTENDENT.

The board of regents of the University of New York was established in 1784, and reorganized with power to incorporate colleges and academies in 1787. The office of State superintendent was created in 1813 and abolished in 1821 and reestablished in 1854. The regents in 1834 established classes for the training of teachers in the academies, and in 1844 the deputy secretary of state having cognizance of school affairs and the regents were jointly charged with the management of the first State normal school. By the act recreating his office in 1854 the State superintendent became a member of the board of regents, and by an act of the following year that board was authorized to prescribe a course of study for teachers' classes in *academies*. The normal schools proper, with the exception of the first, have ever been under the charge of the State superintendent. In 1870 a bill making the regents subordinate to the superintendent was vetoed by the governor, since which the two educational authorities of the State have been superintending the training of teachers each in its own sphere. We have given the State superintendent's solution of the difficulty on pages 437-8 of our 1887-88 report as far as it relates to normal schools and classes. In the sequel the solution recently made by the legislature will be given. The matter is quoted from the 1890 report of the State superintendent, Mr. Draper, being his "regulations and course of study for the training classes in the academies and union schools of the State," of June 15, 1889.

"Teachers who have had experience in the instruction of training classes in the academies and union schools of the State have felt that a great advance would be attained if a uniformity of subjects pursued by these classes could be secured and a uniform standard of examination could be reached. The accomplishment of these advantages has been reached by an act of the legislature (chapter 137 of the laws of 1889), transferring the management and supervision of these classes to the superin-

tendent of public instruction. This law also enables the superintendent to harmonize the work with other instrumentalities of the State for the qualification of common-school teachers.

"In the instructions which follow, an effort has been made to secure these results. Attention is therefore called to the changes which have been made to the regulations which have been adopted and to the syllabus for uniform study and examination.

"I. *Appointments.*—To receive due consideration applications for an appointment to instruct a class should be forwarded to the department of public instruction by the 1st of July for the ensuing year. In making assignments to institutions, reference will be given to the following considerations: (1) The proper distribution of the classes among the counties of the State. (2) The location of the class to accommodate the greatest number of suitable candidates. (3) Such equipment of the institution as will give assurance of doing substantial work, both in the theory and practice of teaching. A blank form of application will be furnished to institutions requesting the same.

"The funds paid by the State for this instruction go to the management of the institution and not to any individual. Trustees [of an academy] who pay a fixed salary to their principal are requested not to allow teachers to share in this fund as an extra compensation. Where this is done it will be considered as sufficient ground for discontinuing the assignment.

"II. *Qualifications for admission.*—(1) Candidates must have attained the age of sixteen years. (2) They must subscribe in good faith to the following declaration, and the trustees, principal, and school commissioner must be satisfied that the candidates have the moral character, talents, and aptness necessary to success in teaching: 'We the subscribers, hereby declare that our object in asking admission to the training class is to prepare ourselves for teaching in the public schools of this State, and that it is our intention to become teachers.' (3) Before admission they must pass the examination for third grade license [c. p. 433, 1887-88 Report of U. S. Bu. of Ed.] under the State uniform examination; or hold the regents' preliminary certificate and a pass-card in physiology. (4) No applicant can be admitted to the privileges of the class who can not comply with all the conditions prescribed and devote the requisite time to the special work of the class.

"III. *Organization.*—(1) The class organized under the appointment must consist of not less than ten members and must be instructed for a period of not less than ten or more than thirteen weeks. Institutions will receive \$1 for each week's instruction of each member, and the whole number of weeks allowed each class must not exceed 250. * * * (2) As one term does not afford sufficient time to accomplish the amount of instruction and training desirable to meet the progressive demands of the teaching service, on that account those institutions, having ample facilities and a good record in the grade and character of the instruction, may receive an appointment to instruct two classes during the year. (3) To secure the most promising candidates the following information should be fully announced some time prior to the organization of the class: The time when the class is to be organized, conditions of membership, the character and advantages of a professional course of study, the importance of this work in securing teachers' certificates. * * * (5) Two periods of forty-five minutes each every school day must be employed in the instruction on the topics laid down in course of study. Outside of the time given for this separate instruction, such members of the class as have time and ability may be allowed to pursue such other subjects in the school curriculum as will be most profitable, for which, however, no tuition may be charged. * * *

"IV. *Course of study.*—The following course of study is prescribed upon the advice of a committee of principals representing the union schools and the academies of the State. This committee met, after consultation with the normal-school principals, and devised a plan of study which is intended to harmonize with the normal-school work and the uniform examination for teachers' certificates.

First term (1889).

The mental powers and the laws of mental development, September 9-13.
School economy, September 16-October 4.
Reading and spelling, October 7-25.
Number, October 28-November 15.
Regents' examination, November 18-22.
Examination of training class for second grade license, November 26.
Methods in form study and drawing one day each week through term.

Second term (1889-90).

History of education, December 9-20.
School law, January 6-10.
Language, January 13-31.
Primary geography, February 3-14.
Methods in physiology, February 17-28.
Examination of training class for a second grade license, March 4.
Methods in form study and drawing, one day each week through the term.

"V. *Observation and practice work.*—The above course devotes, during the first term, six weeks to the study of methods in reading, spelling, and number; and during the second term seven weeks to the study of methods in language, primary geography,

and physiology. Part of the time given to these topics must be spent in observation and practice work under the direction of the instructor of the class, acting as critic teacher. One of the considerations specially noted in granting the application was the opportunity afforded for observation and practice work, and it is insisted that these opportunities be improved. The training class must be also a practice class. In addition to receiving the methods of teaching on the authority of the instructor it is very important that the members should be trained how to observe critically and to intelligently interpret the principles of teaching by being brought in contact with the pupils in the actual work of imparting instruction. To afford this training it is expected that the critic teacher, at least twice a week, will give an opportunity to witness practical work, either by taking the class to other departments of the school to observe the work of experienced teachers, or by bringing pupils from other departments to receive from the critic teacher a model lesson. In addition, it is recommended that each member be given actual work in teaching as often as consistent with the work of the school. At a subsequent recitation let this observation and practice work be reviewed by the critic teacher, the underlying principles clearly brought out and the proper methods forcibly presented. The time devoted to the observation work, and the criticisms on the work, will be accounted part of the regular daily periods of class instruction.

"Very much depends upon the instructor of these classes whether the instruction and practice drill are of a proper grade and character. The number of graduates sent out each year from our normal schools, the departments of pedagogical study instituted in some of our colleges, and the formation of summer schools for the special purpose of studying the best methods of teaching, are ample to furnish competent and thoroughly trained teachers to take charge of the classes. Duty to the common schools demands thoroughly trained teachers for this work. If the inspector in his visitation of these classes shall find any person in charge of the instruction who is not qualified by professional study or experience to properly conduct the class, he is instructed to report the fact to the superintendent, who will annul the appointment to instruct such a class."

The superintendent gives the syllabus of the course, but as this is very minute in its directions, covering eight pages, we are obliged to refer those who desire to study it to the superintendent's report for 1890.

For the fall term of 1889, sixty-one institutions were designated to instruct a class, of which twelve failed to organize for lack of a sufficient number to satisfy the advanced requirements for admission. For the forty-nine that organized, the following statistics are given:

| | |
|---------------------------------------------------|-----|
| Male members | 160 |
| Female members | 588 |
| Total | 748 |
| Average of each class | 16 |
| Entered on regent's preliminary certificate | 421 |
| Entered on third-grade certificate | 297 |
| Held second-grade certificate | 58 |
| Have taught | 170 |

The above figures show a diminished attendance as compared with the operation of these classes under the former order of things; but "a very gratifying advance in the grade of scholarship and the general maturity of the membership." The loss in attendance is attributed by the inspector, Professor Hawkins, to the advance in the standard for admission, the increased time demanded for study, and the greater ease in obtaining a second-grade certificate by examination immediately than by going through the course in order to obtain it.

STUDENTS UNDER TRAINING FOR TEACHING IN CITIES.

In cities normal schools, departments, or classes, are being so rapidly established and in such different ways that it is hard to keep up with the increase or even to tell where it is occurring. The following table will show the number of students in cities of 4,000 and over:

TABLE 1.—*Statistics of training schools and classes, for the most part connected with city high schools, in cities with 4,000 inhabitants and over for 1888-89.*

| City. | Stu- dents. | City. | Stu- dents. |
|------------------------------------|----------------|----------------------|----------------|
| Santa Cruz, Cal. | 5 | Fulton, N. Y. | 37 |
| Grand Forks, Dak. | 8 | Hornellsville, N. Y. | 12 |
| Galesburgh, Ill. | 6 | Ithaca, N. Y. | 27 |
| Moline, Ill. | 10 | Jamestown, N. Y. | 37 |
| Burlington, Iowa | 13 | Kingston, N. Y. | 25 |
| Cedar Rapids, Iowa | 12 | Malone, N. Y. | 31 |
| Davenport, Iowa. | 13 | Norwich, N. Y. | 20 |
| Oskaloosa, Iowa | 11 | Olean, N. Y. | 19 |
| Emporia, Kans. | 6 | Plattsburgh, N. Y. | 23 |
| Clinton, Mass. | 12 | Port Jervis, N. Y. | 10 |
| North Adams, Mass. | 6 | Columbus, Ohio. | 29 |
| Adrian, Mich. | 4 | Ironton, Ohio | 6 |
| East Saginaw, Mich. | 8 | Sandusky, Ohio. | 15 |
| Kalamazoo, Mich. | 8 | Steubenville, Ohio | 16 |
| Saginaw, Mich. | 6 | Beaver Falls, Pa. | 6 |
| Kansas City, Mo. | 83 | Chester, Pa. | 8 |
| St. Charles, Mo. | 2 | Nanticoke, Pa. | 10 |
| Carson City, Nev. | 20 | New Castle, Pa. | 10 |
| Eureka, Nev. | 2 | Norristown, Pa. | 10 |
| Portsmouth, N. H. | 9 | Pittston, Pa. | 4 |
| Elizabeth, N. J. | 11 | York, Pa. | 5 |
| Plainfield, N. J. (post-graduates) | 3 | El Paso, Tex. | 3 |
| Salem, N. J. | 5 | Houston, Tex. | 8 |
| Trenton, N. J. | 16 | Petersburgh, Va. | 34 |
| Albion, N. Y. | 20 | Richmond, Va. | 28 |
| Batavia, N. Y. | 8 | Appleton, Wis. | 25 |
| Canandaigua, N. Y. | 13 | Eau Claire, Wis. | 16 |
| Dansville, N. Y. | 15 | Green Bay, Wis. | 5 |
| Flushing, N. Y. | 12 | Stevens Point, Wis. | 12 |

SUMMARY BY GEOGRAPHICAL DIVISIONS.

| | |
|-------------------------|------|
| North Atlantic Division | a424 |
| South Atlantic Division | 62 |
| South Central Division | 11 |
| North Central Division | 314 |
| Western Division | 27 |
| The Union | 838 |

STATISTICS OF NORMAL SCHOOLS AS REPORTED FOR 1888-89.

Until 1887 the questions asked on the blank forms of inquiry annually sent out by this Bureau regarding the scholastic character of the attendance at the normal schools of the country were these:

9. Number of different normal students in attendance during the last school year: Male, —; female, —.
10. Number of other students of secondary or high-school grade in attendance during the last school year: b Male, —; female, —.
11. Is there a model school attached to the institution? —

In the following year (1888) the form was changed to enable the Bureau to ascertain what number were actually being trained for teaching. The inquiry as to attendance was now couched in the following terms:

5. Number of different students enrolled within the year: * Male, —; female, —; total, —.
7. Number in teachers' training course: Male, —; female, —; total, —.
8. Average daily attendance of normal pupils: Male, —; female, —; total, —.
9. Number below the academic or high-school grade: c Male, —; female, —; total, —.
11. Number receiving special training for kindergartens, —.
12. Number in commercial course: Male, —; female, —; total, —.
13. Number of pupils taught in practice training school, —.

a By referring to p. 956 it will be seen that for the first session 1889-90, 748 pupils were enrolled in the teachers' training classes in the academies and union schools of New York, a decrease. The statistics of the above table are for 1888-89; but of the 424 students in the North Atlantic Division, only 309 are for New York. In other words, it must be remembered that the statistics of the above table are for cities of 4,000 inhabitants and over.

b The answer to this question should not include students in the model department when such students are below the secondary or high-school grade.

c Not including pupils in practice training school.

Nor was this satisfactory. The answer to the eighth inquiry was frequently larger than the answer to the seventh, and the seventh and the thirteenth were sometimes taken to be the same inquiry in different terms. In the inquiry for the following year an attempt was made to bring these questions into a series, thus:

7. Number of students—

- (a) In the science and art of teaching: Male, _____; female, _____; total, _____.
- (b) In academic or high school studies: Male, _____; female, _____; total, _____.
- (c) In kindergarten methods: male, _____; female, _____; total, _____.
- (d) In commercial course: Male, _____; female, _____; total, _____.
- (e) In other departments: Male, _____; female, _____; total, _____.
- (f) Entire number, counting none twice: Male, _____; female, _____; total, _____.

This seems to have answered very well, but there are two objections to it. In the first place, *a* and *b* are not mutually exclusive, and in the second, each correspondent is left to interpret the meaning of the expression "the science and art of teaching" for himself. To come to some approximate knowledge of what meaning each placed on this term a number of questions were asked on the last page of the form of inquiry. What these questions were, and the answers to them, have already been given in Chapter XIII. In the following summary the answers to *a*, *b*, and *c* of the last scheme above are given by the side of the more important columns showing the number of pupils reported in the science and art of education. In some cases, however, it was impossible to exclude the replies to *d*, and, in two or three cases, to *e*.

PUBLIC NORMAL SCHOOLS.

Attendance.—During 1888-89 it appears from the following table that 23,618 persons were pursuing a course of study in the science and art of teaching in the 129 schools which report themselves as having such students. Of these students 71 in every hundred were women, a slight increase over the percentage of 1887-88, when 112 schools reported themselves as having students in a "teachers' training class." If we divide the number of students in the science and art of teaching by the number of schools reporting themselves as having such students during 1888-89 we find that for the year under review (1888-89) there were 175 students to each of the 129 schools reporting. For 1887-88 there were but 154 to each of the 112 schools reporting for that year.

During the year under review there were 28,092 pupils in 124 schools whose statistics may be used, or 228 students to each school. During the preceding year there were 243 students to the 133 schools whose statistics were used. In the 123 schools for 1888-89, 70 per cent. of the attendance were women, a slight increase over the percentage of 1887-88, when it was 69 per cent.

Twenty schools report 1,216 students under kindergarten training, and 56 report 8,370 students in secondary studies, but in some cases these secondary students appear to have been included also in the science and art of teaching course.

TABLE 2.—*Teachers and pupils in public normal schools. (Summary of similar columns of Table 5.)*

| State. | Number of schools. | Instructors. | | | Pupils (academic and professional). | | | | | | |
|----------------------------|--------------------|-------------------------|---------|---------|-------------------------------------|---------------|---------|--------------------------------------|---------------|---------|------------|
| | | Schools re- porting. | Male. | Female. | Whole number. | | | In science and art of teach- ing. | | | |
| | | | | | Schools re- porting. | Male. | Female. | Schools re- porting. | Male. | Female. | Graduates. |
| Alabama | 7 | 7 | 34 | 43 | 7 | (399) | | 6 | 248 | 321 | 113 |
| Arizona | 1 | 1 | 1 | 0 | 1 | 408 | 567 | 1 | 8 | 18 | 0 |
| Arkansas | 1 | 1 | 4 | 3 | 1 | 10 | 18 | 1 | 15 | 30 | 8 |
| California | 4 | 4 | 15 | 80 | 4 | (525) | | 4 | (590) | 120 | 186 |
| Connecticut | 3 | 3 | 5 | 29 | 3 | 50 | 377 | 3 | 3 | 369 | 121 |
| Dakota | 12 | 2 | 6 | 14 | 2 | 215 | 292 | 2 | 90 | 139 | 20 |
| District of Columbia | 2 | 2 | (7) | 5 | 2 | 10 | 70 | 2 | 10 | 70 | 80 |
| Florida | 12 | 2 | 4 | 2 | 2 | 55 | 81 | 1 | 35 | 47 | 12 |
| Georgia | 1 | 1 | 1 | 2 | 1 | 85 | 66 | 1 | 75 | 40 | ..... |
| Illinois | 3 | 3 | 23 | 36 | 3 | 556 | 913 | 3 | 306 | 617 | 28 |
| Indiana | 3 | 3 | 22 | 14 | 2 | 483 | 353 | 3 | 498 | 359 | 36 |
| Iowa | 5 | 5 | 9 | 21 | 4 | 275 | 511 | 3 | 187 | 414 | 79 |
| Kansas | 1 | 1 | 7 | 6 | 1 | 260 | 462 | 1 | 260 | 419 | 39 |
| Kentucky | 1 | 1 | ..... | ..... | 1 | 0 | 38 | 1 | 0 | 38 | ..... |
| Louisiana | 2 | 2 | 5 | 9 | 2 | 11 | 165 | 2 | 4 | 126 | 11 |
| Maine | 5 | 5 | 8 | 19 | 5 | 209 | 494 | 4 | 119 | 418 | 117 |
| Maryland | 1 | 1 | 3 | 7 | 1 | 35 | 286 | 1 | 35 | 286 | 72 |
| Massachusetts | 10 | 10 | 24 | 55 | 10 | 118 | 1,375 | 10 | 118 | 1,375 | 417 |
| Michigan | 1 | 1 | 16 | 11 | 1 | 253 | 430 | 1 | 253 | 430 | 90 |
| Minnesota | 5 | 5 | 16 | 41 | 5 | (436) | | 5 | (150) | | 197 |
| Mississippi | 2 | 2 | 3 | 3 | 2 | 84 | 254 | 2 | 154 | 386 | 8 |
| Missouri | 5 | 5 | 29 | 24 | 3 | 107 | 67 | 5 | 60 | 41 | 270 |
| Nebraska | 12 | 2 | 7 | 7 | 1 | (301) | | 5 | (301) | | 270 |
| New Hampshire | 12 | 2 | 4 | 8 | 2 | 328 | 521 | 2 | 385 | 576 | 74 |
| New Jersey | 12 | 2 | 4 | 8 | 2 | 76 | 187 | 2 | 37 | 83 | 41 |
| New York | 3 | 3 | 11 | 32 | 3 | 1 | 97 | 2 | 1 | 97 | 127 |
| North Carolina | 14 | 14 | 58 | 135 | 14 | 298 | 638 | 3 | 26 | 340 | 879 |
| Ohio | 4 | 4 | 8 | 8 | 3 | (863) | | 14 | (770) | | 5 |
| Oregon | 4 | 4 | 10 | 16 | 4 | 581 | 3,649 | 4 | 472 | 3,400 | 98 |
| Pennsylvania | 2 | 2 | 3 | 6 | 2 | 95 | 123 | 4 | 94 | 116 | 5 |
| Rhode Island | 14 | 13 | 105 | 119 | 9 | 20 | 232 | 4 | 20 | 229 | 16 |
| South Carolina | 1 | 1 | 2 | 5 | 1 | 83 | 53 | 2 | 51 | 23 | 735 |
| Tennessee | 1 | 1 | 1 | 4 | 1 | 1070 | 2,840 | 13 | 1,304 | 1,816 | 24 |
| Texas | 3 | 3 | 10 | 20 | 2 | 0 | 167 | 1 | 0 | 167 | 117 |
| Vermont | 2 | 2 | 10 | 6 | 1 | 3 | 51 | 1 | 3 | 51 | 190 |
| Virginia | 3 | 3 | 3 | 15 | 3 | 176 | 145 | 3 | 200 | 256 | 71 |
| West Virginia | 6 | 6 | 13 | 18 | 6 | 108 | 162 | 2 | 208 | 202 | 64 |
| Wisconsin | 6 | 6 | 24 | 61 | 5 | (185) | | 3 | (185) | | 50 |
| Total | 138 | 136 | (7) 546 | 922 | 124 | (2,709) 7,518 | 17,883 | 129 | (1,996) 5,989 | 14,633 | 4,564 |

Income.—The income from public sources considered as a total for the whole country shows but a small increase. The receipts from other sources given in the following table can not be compared with the total of a similar column in the report preceding this. In that the general question was asked, "Aid from other sources received within the year?" and the answers tabulated. In the present report the Bureau has computed the item from data given in answer to a series of questions. The amount expended for building and repairs is a new item and in several cases is included in one of the two other columns of Table 3. It will be observed that *prima facie* about one-third of the amount received was expended in buildings and repairs, but the fallacy of such figuring is easily shown by taking the case of the new school at Chico where the appropriation was \$29,000, while the amount expended on buildings was \$100,000. The State normal school at Framingham, Mass., expended \$115,000, and the new school at Oneonta, N. Y., \$114,000; in the case of the Massachusetts school the appropriation for the year was \$14,000, while no appropriation for the year 1888-89 seems to have been made for the New York school.

TABLE 3.—*Aid from public funds and other sources (summary of similar columns of Table 6).*

| | From State, county, or city. | From other sources. | Expended during year for building and repairs. |
|----------------------|------------------------------------|------------------------|---------------------------------------------------------|
| Alabama | \$27, 075 | \$12, 605 | \$6, 511 |
| Arizona | 6, 000 | 0 | 0 |
| Arkansas | 2, 600 | 6, 700 | 4, 500 |
| California | 86, 000 | 3, 400 | 100, 300 |
| Connecticut | 21, 580 | 1, 560 | 0 |
| Dakota | 47, 250 | 0 | 6, 900 |
| Florida | 8, 000 | 0 | 2, 493 |
| Georgia | 800 | 0 | 4, 500 |
| Illinois | 79, 553 | 12, 026 | 2, 337 |
| Indiana | 31, 300 | 0 | 0 |
| Iowa | 38, 300 | 1, 260 | 10, 600 |
| Kansas | 3, 650 | a 22, 200 | 250 |
| Kentucky | 2, 600 | 0 | 0 |
| Louisiana | 9, 100 | 2, 000 | 0 |
| Maine | 20, 166 | 0 | 10, 500 |
| Maryland | 10, 500 | 0 | 2, 000 |
| Massachusetts | 93, 583 | 100 | 117, 150 |
| Michigan | 42, 875 | b 9, 610 | 20, 704 |
| Minnesota | 50, 000 | 4, 718 | 500 |
| Mississippi | 4, 000 | 9, 000 | 1, 000 |
| Missouri | 62, 121 | 12, 030 | 4, 700 |
| Nebraska | 17, 550 | c 1, 600 | 0 |
| New Hampshire | 11, 800 | 0 | 0 |
| New Jersey | 22, 123 | 14, 000 | 3, 100 |
| New York | 308, 774 | 5, 362 | 160, 763 |
| North Carolina | 6, 500 | 340 | 75 |
| Ohio | 4, 650 | 3, 000 | 1, 500 |
| Oregon | 0 | d 2, 879 | 0 |
| Pennsylvania | 126, 247 | d 77, 187 | 35, 922 |
| Rhode Island | 12, 000 | 0 | 147 |
| South Carolina | 1, 020 | 0 | 2, 069 |
| Tennessee | 11, 000 | 22, 089 | 8, 837 |
| Texas | 35, 500 | 4, 200 | 1, 000 |
| Vermont | 8, 664 | e 1, 582 | 0 |
| Virginia | 55, 500 | f 98, 159 | 36, 500 |
| West Virginia | 14, 072 | g 5, 614 | 1, 175 |
| Wisconsin | 2, 000 | | |
| Total | 1, 284, 453 | 333, 161 | 546, 033 |

a \$16,500 as interest on invested funds.

b \$4,287 as interest on invested funds.

c From interest on invested funds.

d \$10,366 interest on invested funds.

e \$600 interest on invested funds.

f \$10,000 interest on invested funds.

g \$600 interest on invested funds.

The New York College for the Training of Teachers, New York City.—Provisionally the statistics of this college have been inserted in the table of private normal schools though they have not been included in the summary of that table following the precedent of the Bureau's report for 1887-'88.

PRIVATE NORMAL SCHOOLS.

Eighteen private normal schools report in all 1,324 students in secondary studies, 4 collectively report 74 students under kindergarten instruction, and 13 report 694 students in a commercial course. In answer to the inquiry as to the number of students in "other departments," 15 schools report 1,149 students. In the summary that follows, 1,323 students do not appear, as the principals of the schools reporting them were unable to classify them according to our scheme; nor has the number of commercial students been included in the figures of the following table. From these schools 315 normal pupils were graduated during the year.

TABLE 4.—*Teachers and pupils in private normal schools (summary of similar columns of Table 7).*

| | Number of schools. | Instructors. | | | | Whole number of pupils in academic and professional departments | | | | Pupils in science and art of teaching. | | | |
|----------------------|--------------------|-------------------------|-------|---------|--------|-----------------------------------------------------------------|---------|---------|--------|----------------------------------------|---------|---------|--------|
| | | Schools reporting item. | Male. | Female. | Total. | Schools reporting item. | Male. | Female. | Total. | Schools reporting item. | Male. | Female. | Total. |
| Alabama | 2 | 2 | 4 | 11 | 15 | 2 | 18 | 62 | 80 | 13 | 11 | 32 | 43 |
| Arkansas | 1 | 1 | 3 | 2 | 5 | 1 | 25 | 36 | 61 | 1 | 25 | 36 | 61 |
| California | 1 | 1 | 12 | 4 | 15 | | | | | 1 | 20 | 70 | 90 |
| Georgia | 2 | 1 | 6 | 4 | 10 | 1 | (129) | | 129 | 1 | 15 | 27 | 42 |
| Illinois | 4 | 4 | 24 | 12 | 36 | 2 | (281) | | 409 | 3 | 130 | 173 | 303 |
| Indiana | 4 | 4 | 29 | 17 | 46 | 3 | 45 | 83 | 128 | 3 | 385 | 270 | 655 |
| Iowa | 5 | 5 | 34 | 14 | 48 | 4 | 525 | 370 | 895 | 5 | (1,410) | | 1,650 |
| Kansas | 1 | 1 | 9 | 4 | 13 | | 64 | 120 | 1,754 | 1 | 83 | 157 | 240 |
| Kentucky | 2 | 2 | 9 | 4 | 13 | 1 | 62 | 88 | 150 | 1 | (175) | | 175 |
| Louisiana | 1 | 1 | 3 | 13 | 16 | 1 | 0 | 5 | 5 | 1 | 37 | 52 | 89 |
| Michigan | 1 | 1 | 3 | 0 | 3 | 1 | 23 | 17 | 40 | 1 | 0 | 5 | 5 |
| Mississippi | 3 | 3 | 11 | 10 | 21 | 2 | 93 | 140 | 233 | 1 | 23 | 17 | 40 |
| Missouri | 1 | 1 | 1 | 2 | 3 | 1 | 31 | 38 | 69 | 3 | (131) | | 200 |
| Nebraska | 2 | 2 | 10 | 6 | 16 | 2 | 64 | 45 | 109 | 1 | 31 | 29 | 60 |
| North Carolina | 2 | 2 | 7 | 4 | 11 | 1 | 121 | 156 | 277 | 2 | 88 | 112 | 200 |
| Ohio | 4 | 4 | 16 | 12 | 28 | 4 | 37 | 38 | 75 | 2 | 62 | 68 | 130 |
| Pennsylvania | 1 | 1 | 6 | 0 | 6 | | 254 | 146 | 400 | 4 | 106 | 58 | 164 |
| South Carolina | 3 | 3 | 5 | 12 | 17 | 2 | | | | 1 | 98 | 97 | 195 |
| Tennessee | 1 | 1 | 2 | 10 | 12 | | 47 | 77 | 124 | 3 | 31 | 29 | 60 |
| Texas | 1 | 1 | 3 | 10 | 13 | 1 | 23 | 9 | 32 | 1 | 106 | 131 | 237 |
| Washington | 1 | 1 | 2 | 1 | 3 | 1 | 23 | 9 | 32 | 1 | 10 | 4 | 14 |
| West Virginia | 1 | 1 | 4 | 4 | 8 | 1 | 16 | 30 | 46 | 1 | 4 | 12 | 16 |
| Wisconsin | 2 | 2 | 10 | 2 | 12 | 1 | 69 | 45 | 114 | 1 | 12 | 10 | 22 |
| Total | 46 | 46 | 212 | 158 | 370 | 32 | (1,980) | | 5,051 | 42 | (1,716) | | 4,487 |
| | | | | | | | 1,589 | 1,482 | | | 1,349 | 1,116 | |

TABLE 5.—Attendance at Public Normal Schools for 1888-89.

| Post-office address. | Name of school. | Year of opening. | Executive officer. | Instructors. | | | | Students in— | | | | Whole number of professional and academic students. | | Graduates. | | |
|---------------------------------|--------------------------------------------------------------|------------------|-------------------------|--------------|---------|-------|---------|------------------------------|---------|-------------------|-----------------------|-----------------------------------------------------|---------|------------------------|---------|--------------------|
| | | | | Male. | Female. | Male. | Female. | Science and art of teaching. | | Academic studies. | Kindergarten methods. | Male. | Female. | Since opening 1888-89. | Normal. | Other for 1888-89. |
| | | | | | | | | Male. | Female. | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | |
| 1 Birmingham, Ala..... | Normal training class..... | 1888 | Miss Mary W. Rode..... | 0 | 1 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 17 | 10 | 6 | 0 |
| 2 Florence, Ala..... | State Normal College..... | 1873 | James K. Powers..... | 5 | 4 | 90 | 89 | 50 | 0 | 120 | 100 | 146 | 29 | 0 | 0 | 0 |
| 3 Huntsville, Ala..... | State Normal and Industrial School..... | 1873 | W. H. Council..... | 4 | 4 | 65 | 80 | 2 | 0 | 66 | 90 | 46 | 6 | 0 | 0 | 0 |
| 4 Jacksonville, Ala..... | State Normal School..... | 1883 | Carleton B. Gibson..... | 3 | 4 | 13 | 18 | 164 | 0 | 87 | 108 | 24 | 7 | 1 | 1 | 1 |
| 5 Livingston, Ala..... | Alabama Normal College for Girls..... | 1883 | James W. A. Wright..... | 3 | 7 | 0 | 42 | 43 | 40 | 0 | 125 | 45 | 16 | 5 | 5 | 5 |
| 6 Troy, Ala..... | State Normal School..... | 1887 | Edwin R. Eldridge..... | 6 | 7 | 80 | 75 | 107 | 0 | 135 | 127 | 30 | 27 | 1 | 1 | 1 |
| 7 Tuskegee, Ala..... | Tuskegee State Normal and Industrial School..... | 1881 | B. T. Washington..... | 13 | 14 | | | | | (399) | | 42 | 22 | | | |
| 8 Tempe, Ariz..... | The Territorial Normal School..... | 1886 | Robert L. Long..... | 1 | 0 | 8 | 18 | 28 | 0 | 10 | 18 | 0 | | | | |
| 9 Pine Bluff, Ark..... | Branch Normal College of Arkansas Industrial University..... | 1875 | Joseph C. Corbin..... | 4 | 3 | 15 | 30 | 25 | 0 | 15 | 30 | 30 | 8 | 21 | | |
| 10 Chico, Cal..... | State Normal School..... | 1889 | Edward T. Pierce..... | 4 | 1 | 20 | 70 | 0 | 0 | 20 | 70 | 0 | 0 | 0 | 0 | 0 |
| 11 Los Angeles, Cal..... | do..... | 1882 | Ira More..... | 3 | 6 | a(65) | | | | 30 | 267 | 240 | 57 | 0 | 0 | 0 |
| 12 San Francisco, Cal..... | Normal Department of Girls' High School..... | 1876 | Mrs. M. W. Kincaid..... | 0 | 1 | 0 | 60 | | | | | | | | | |
| 13 San José, Cal..... | State Normal School..... | 1862 | C. W. Childs..... | 8 | 16 | (525) | | 0 | 0 | (525) | | 1,443 | 129 | 0 | | 0 |
| 14 New Britain, Conn..... | Connecticut Normal and Training School..... | 1860 | Charles D. Hine..... | 3 | 17 | 3 | 317 | 0 | 16 | 3 | 333 | | 76 | 6 | | 6 |
| 15 New Haven, Conn..... | Cedar Street Training School *..... | 1869 | Maria L. Breen..... | 0 | 2 | 0 | 26 | 0 | 0 | 0 | 26 | | 19 | 0 | | 0 |
| 16 do..... | Welch Training School..... | 1884 | M. Virginia Fogle..... | 2 | 10 | 0 | 26 | | all | 0 | 26 | 148 | 26 | 0 | | 0 |
| 17 Madison, Dak..... | State Normal School..... | 1883 | William F. Gorrie..... | 4 | 5 | 45 | 62 | 200 | | 170 | 215 | | 6 | 0 | | 0 |
| 18 Spearfish, Dak..... | do..... | 1884 | Fayette L. Cook..... | 2 | 9 | 45 | 77 | 0 | | 45 | 77 | 24 | 14 | 0 | | 0 |
| 19 Washington, D. C..... | Minor Normal School..... | 1879 | Lucy B. Molen..... | 2 | 5 | 6 | 34 | 0 | 0 | 6 | 34 | 176 | 40 | 0 | | 0 |
| 20 do..... | Washington Normal School ^b | 1873 | Emma S. Atkinson..... | (7) | | 4 | 36 | 0 | 0 | 4 | 36 | 326 | 40 | | | |
| 21 Do. Tuniak Springs, Fla..... | Florida State Normal College..... | 1887 | Henry N. Felkel..... | 2 | 1 | 35 | 47 | 82 | | 35 | 47 | 12 | 12 | 0 | | 0 |
| 22 Tallahassee, Fla..... | State Normal College for Colored Teachers..... | 1887 | T. De S. Tucker..... | 2 | 1 | | | 54 | | 20 | 34 | 0 | 0 | 0 | | 0 |
| 23 Fairburn, Ga..... | Fairburn High School..... | 1846 | Robert L. Paine..... | 1 | 2 | 75 | 40 | 115 | 51 | 85 | 66 | | | | | |
| 24 Carbondale, Ill..... | Southern Illinois Normal University..... | 1874 | Robert Allen..... | 8 | 11 | 251 | 272 | 106 | 12 | 361 | 340 | | 8 | 0 | | 0 |
| 25 Englewood, Ill..... | Cook County Normal School *..... | 1868 | Francis W. Parker..... | 5 | 11 | 3 | 130 | | | 63 | 230 | | | | | |
| 26 Normal, Ill..... | Illinois State Normal University..... | 1857 | Edwin C. Howett..... | 10 | 17 | 62 | 115 | 408 | 0 | 192 | 443 | 590 | 20 | 11 | | 7 |
| 27 Corydon, Ind..... | Indiana Normal College *..... | 1886 | J. V. Coombs..... | 7 | 1 | 15 | 6 | | | | | | 15 | | | 0 |
| 28 Indianapolis, Ind..... | Indianapolis Normal School..... | 1866 | M. E. Nicholson..... | 1 | 2 | 0 | 30 | 0 | 0 | 0 | 0 | 414 | 21 | | | 0 |

[illegible]

Twenty-six of these in commercial course.
Not including 120 pupils in the "preparatory department."

b For 1886-87
c Assumed.

* For 1887-88.
 α The number in professional studies.

TABLE 5.—Attendance at public Normal schools for 1888-89—Continued.

| Post-office address. | Name of school. | Year of opening. | Executive officer. | Instructors. | | | | Students in— | | | | Whole number professional and academic students. | | Graduates. | | |
|----------------------|--------------------------|------------------|---------------------------|--------------|----|---------|-------|------------------------------|-------------------|-----------------------|-------|--------------------------------------------------|----------------|--------------|---------|--------------------|
| | | | | Male. | | Female. | | Science and art of teaching. | Academic studies. | Kindergarten methods. | Male. | Female. | Since opening. | For 1888-89. | Normal. | Other for 1888-89. |
| | | | | 5 | 6 | 7 | 8 |  |  |  |  |  |  |  |  |  | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 1 | 2 | 3 | 4 | | | | | | | | | | | | | |
| 71 | Plymouth, N. H. | 1871 | Charles C. Rounds.... | 4 | 7 | 1 | 88 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 27 | 15 |
| 72 | Newark, N. J. | 1879 | Jane E. Johnson* | 2 | 9 | 0 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 318 | 42 | 0 |
| 73 | Paterson, N. J. | 1879 | J. A. Rinehart* | 21 | 9 | 0 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 67 | 25 | 0 |
| 74 | Trenton, N. J. | 1857 | James M. Green .. | 8 | 22 | 26 | 231 | 540 | 165 | 30 | 208 | 529 | 1,190 | 60 | 0 | |
| 75 | Albany, N. Y. | 1844 | Edw'd P. Waterbury b | 5 | 12 | 70 | 376 | 0 | 0 | 0 | 0 | 0 | 3,287 | 123 | 0 | |
| 76 | do .. | 1882 | Enretta Crannell .. | 0 | 1 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 258 | 24 | 0 | |
| 77 | Brooklyn, N. Y. | 1885 | John Gallagher .. | 1 | 4 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 215 | 47 | 0 | |
| 78 | Buffalo, N. Y. | 1871 | James M. Cassedy .. | 6 | 13 | 9 | 218 | 17 | 0 | 17 | 227 | 430 | 54 | 0 | 0 | |
| 79 | Cortland, N. Y. | 1869 | James H. Hoose .. | 5 | 9 | 139 | 285 | 25 | 0 | 139 | 285 | 723 | 65 | 27 | 0 | |
| 80 | Fredonia, N. Y. | 1868 | F. B. Palmer .. | 6 | 11 | 46 | 164 | 93 | 3 | 85 | 223 | 442 | 30 | 7 | 0 | |
| 81 | Geneseo, N. Y. | 1871 | William J. Milne .. | 4 | 13 | (486) | 87 | 14 | 17 | 52 | 104 | 535 | 76 | 8 | 0 | |
| 82 | New Paltz, N. Y. | 1886 | Frank S. Capen .. | 3 | 11 | 38 | 87 | 14 | 0 | 1,772 | 1,772 | 4,368 | 41 | 4 | 0 | |
| 83 | New York, N. Y. | 1889 | Thomas Hunter .. | 7 | 31 | 0 | 1,690 | 82 | 0 | 29 | 86 | 0 | 291 | 0 | 0 | |
| 84 | Oneonta, N. Y. | 1869 | James M. Milne .. | 6 | 8 | 29 | 73 | 22 | 0 | 0 | 0 | 0 | 54 | 0 | 0 | |
| 85 | Oswego, N. Y. | 1862 | Edward A. Shelton .. | 8 | 11 | 150 | 316 | 108 | 0 | 189 | 385 | 1,449 | 474 | 48 | 0 | |
| 86 | Potsdam, N. Y. | 1869 | Thomas B. Stowell .. | 8 | 11 | 150 | 316 | 108 | 0 | 15 | 0 | 75 | 350 | 0 | 0 | |
| 87 | Rochester, N. Y. | 1883 | Mrs. S. A. Ellis .. | 1 | 2 | 0 | 75 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 82 | |
| 88 | Syracuse, N. Y. | 1855 | A. B. Hodge .. | 1 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 75 | 350 | 0 | 0 | |
| 89 | Fayetteville, N. C. | 1877 | G. H. Williams .. | 2 | 1 | 40 | 41 | 29 | 0 | 56 | 54 | 85 | 3 | 34 | 0 | |
| 90 | Goldsborough, N. C. | 1887 | S. B. Pride .. | 1 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 91 | Plymouth, N. C. | 1881 | H. C. Crosby .. | 2 | 1 | 38 | 68 | 29 | 0 | 38 | 68 | 4 | 2 | 0 | 0 | |
| 92 | Salisbury, N. C. | 1881 | J. O. Crosby .. | 3 | 4 | 15 | 6 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | |
| 93 | Athens, Ohio .. | 1885 | J. P. Gordy .. | 3 | 4 | 20 | 12 | 0 | 0 | 20 | 12 | 20 | 5 | 5 | 0 | |
| 94 | Cincinnati, Ohio .. | 1868 | Carrie Newhall Lathrop. | 0 | 5 | 0 | 85 | 85 | 0 | 0 | 0 | 85 | 904 | 45 | 0 | |
| 95 | Cleveland, Ohio .. | 1874 | Ellen G. Reveley .. | 4 | 4 | 0 | 109 | 109 | 0 | 0 | 0 | 109 | 588 | 37 | 0 | |
| 96 | Dayton, Ohio .. | 1869 | Miss Mary F. Hall .. | 3 | 3 | 0 | 23 | 0 | 0 | 0 | 0 | 26 | 255 | 11 | 0 | |
| 97 | Ashland, Oregon .. | 1882 | J. S. Sweet .. | 2 | 3 | 50 | 20 | 105 | 0 | 75 | 30 | 16 | 12 | 13 | 0 | |
| 98 | Drain, Oregon .. | 1881 | W. C. Hawley .. | 1 | 3 | 1 | 3 | 27 | 0 | 8 | 23 | 0 | 4 | 0 | 0 | |
| 99 | Bloomsburgh, Pa. | 1869 | David J. Waller, jr. | 10 | 5 | 62 | 129 | 78 | 0 | 200 | 158 | 581 | 60 | 2 | 0 | |
| 100 | California, Pa. | 1874 | Theo. B. Noss .. | 8 | 7 | 181 | 248 | 0 | 0 | 184 | 248 | 305 | 10 | 0 | 0 | |

TABLE 6.—Financial statistics of public normal schools for 1888-89.

| | Name of institution. (For location see preceding table.) | Revenue from— | | | | Expend- ed dur- ing year for build- ing and re- pairs. | Amount of in- vested funds. | Tuition. | | Weeks in school year. | Years in course of science and art teach- ing. |
|---------------------|--------------------------------------------------------------|--------------------------------|-------------------------------|----------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------|-----------------------------------------|-------------------------------------|-----------------------------|---------------------------------------------------------------|
| | | State ap- propria- tion. | City ap- propria- tion. | Interest on in- vested funds. | Other sources (exclud- ing board and lodg- ing). | | | Science and art of teach- ing. | Aca- demic de- part- ment. | | |
| | | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| ALABAMA. | | | | | | | | | | | |
| 1 | Normal Training Class, Birmingham..... | | | | | | | | | | |
| 2 | State Normal School, Florence..... | \$7,500 | 0 | 0 | \$4,519 | \$1,611 | 0 | \$6 | \$30 | 36 | 1 |
| 3 | State Normal and Industrial School..... | 4,000 | 0 | 0 | 966 | 1,900 | 0 | 0 | 0 | 36 | 3 |
| 4 | State Normal School, Jacksonville..... | 2,800 | 9 | 0 | 2,350 | 0 | 0 | 0 | 20-30 | 40 | 3 |
| 5 | Alabama Normal College for Girls..... | 2,500 | \$275 | 0 | 2,000 | 1,500 | 0 | (2-5) | 0 | 40 | 2-4 |
| 6 | State Normal School, Troy..... | 3,000 | 4,000 | 0 | 2,750 | 1,500 | 0 | 0 | 27.50 | 36 | 3,5 |
| 7 | Tuskegee State Normal and Industrial School..... | 3,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 4 |
| ARIZONA. | | | | | | | | | | | |
| 8 | The Territorial Normal School..... | 6,000 | 0 | 0 | 0 | | | | | 40 | ----- |
| ARKANSAS. | | | | | | | | | | | |
| 9 | Branch Normal College of Arkansas Industrial University..... | 2,600 | 0 | 0 | 6,700 | 4,500 | 0 | 10 | 10 | 40 | 2 |
| CALIFORNIA. | | | | | | | | | | | |
| 10 | State Normal School, Chico..... | 22,000 | 0 | 0 | 0 | 160,000 | 0 | 0 | 0 | 40 | 3 |
| 11 | State Normal School, Los Angeles..... | 18,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 1.5 |
| 12 | Normal Department of Girls' High School, San Francisco..... | | | | | | | | | | |
| 13 | State Normal School, San José..... | 39,000 | 0 | 0 | 3,400 | 300 | 0 | 0 | 0 | 40 | 3 |
| CONNECTICUT. | | | | | | | | | | | |
| 14 | Connecticut Normal and Training School..... | 20,000 | 1,580 | 0 | 1,500 | 0 | 0 | 0 | 0 | 40 | 1 |
| 15 | Cedar Street Training School, New Haven *..... | | | | | | | | | | |
| 16 | Welch Training School..... | | | | | | 0 | 0 | 0 | 40 | 1 |
| DAKOTA. | | | | | | | | | | | |
| 17 | State Normal School, Madison..... | 31,700 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 3 |
| 18 | State Normal School, Spearfish..... | 15,550 | 0 | 0 | 0 | 6,900 | 0 | 0 | 0 | 38 | 2 |

STATISTICS OF NORMAL SCHOOLS.

967

| DISTRICT OF COLUMBIA. | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 1 |
|-----------------------|-------------------------------------------------------|---------|-------|--------|-------|--------|---------|----|----|----|-----|
| 19 | Miner Normal School..... | | | | | | | | | | |
| 20 | Washington Normal School..... | | | | | | | | | | |
| FLORIDA. | | | | | | | | | | | |
| 21 | Florida State Normal College..... | 4,000 | 0 | 0 | 0 | 2,493 | 0 | 0 | 0 | 36 | 2 |
| 22 | Florida State Normal School for Colored Teachers..... | 4,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 1 |
| GEORGIA. | | | | | | | | | | | |
| 23 | Fairburn High School..... | 300 | 500 | 0 | | 4,500 | 0 | 1 | 1 | 40 | |
| ILLINOIS. | | | | | | | | | | | |
| 24 | Southern Illinois Normal University..... | *27,000 | 0 | 0 | 3,753 | 1,113 | 0 | 0 | 14 | 39 | 2 |
| 25 | Cook County Normal School..... | 23,000 | 0 | 0 | 0 | 0 | | | | | |
| 26 | Illinois State Normal University..... | 27,493 | 0 | 0 | 8,268 | 1,224 | 0 | | | 39 | 3 |
| INDIANA. | | | | | | | | | | | |
| 27 | Indiana Normal College *..... | 1,300 | | | | | | | | | |
| 28 | Indianapolis Normal School..... | 0 | | | | | | | | 38 | |
| 29 | Indiana State Normal School..... | 30,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 1 |
| IOWA. | | | | | | | | | | | |
| 30 | Iowa State Normal School..... | 37,300 | 0 | 0 | 0 | 10,600 | 0 | 0 | | 40 | 4 |
| 31 | West Des Moines Training School..... | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 1 |
| 32 | Sioux City Training School..... | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 1 |
| 33 | Storm Lake Normal and Business School..... | 0 | 1,000 | 0 | 1,200 | 0 | 0 | 32 | 32 | 40 | 3 |
| 34 | Woodbine Normal School..... | | | | | | | 0 | 0 | 40 | 1-2 |
| KANSAS. | | | | | | | | | | | |
| 35 | Kansas State Normal School..... | 3,650 | 0 | 16,500 | 6,700 | 250 | 275,000 | 0 | 0 | 40 | 1 |
| KENTUCKY. | | | | | | | | | | | |
| 36 | Louisville Normal School *..... | 2,600 | | | | | | | | | |
| LOUISIANA. | | | | | | | | | | | |
| 37 | Louisiana State Normal School..... | 8,500 | 0 | 0 | 2,000 | 0 | 0 | 0 | 0 | | 2 |
| 38 | New Orleans Normal School *..... | | 600 | | | | | | | | |

α For 1889-91.

* For 1887-88.

TABLE 6.—Financial statistics of public normal schools for 1888-89.—Continued.

| Name of institution. (For location see preceding table.) | Revenue from— | | | | Expend- ed dur- ing year for build- ing and repairs. | Amount of in- vested funds. | Tuition. | | Weeks in school year. | Years in course of science and art teach- ing. |
|-------------------------------------------------------------|--------------------------------|-------------------------------|----------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------|------------------------------|--------------------------------|-----------------------------|---------------------------------------------------------------|
| | State ap- propria- tion. | City ap- propria- tion. | Interest on in- vested funds. | Other sources (exclud- ing board and lodg- ing). | | | Science of teach- ing. | Aca- demic de- partment. | | |
| 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| MAINE. | | | | | | | | | | |
| 39 Eastern State Normal School | \$6,633 | 0 | 0 | 0 | \$8,000 | 0 | 0 | 0 | 38 | ..... |
| 40 State Normal and Training School, Farmington | 6,500 | 0 | 0 | 0 | 2,500 | 0 | 0 | 0 | 38 | 2 |
| 41 State Normal School, Gorham * | 6,333 | ..... | ..... | ..... | ..... | ..... | \$5 | \$5 | ..... | ..... |
| 42 Practice School, Portland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 2 |
| 43 Springfield Normal School | 700 | ..... | ..... | ..... | ..... | ..... | 8 | 8 | ..... | ..... |
| MARYLAND. | | | | | | | | | | |
| 44 Maryland State Normal School | 10,500 | 0 | 0 | 0 | 2,000 | 0 | 0 | 50 | 39 | 3 |
| MASSACHUSETTS. | | | | | | | | | | |
| 45 Boston Normal School * | ..... | ..... | ..... | ..... | ..... | 0 | 0 | ..... | 37 | 2 |
| 46 Massachusetts Normal Art School | 15,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 2-4 |
| 47 State Normal School, Bridgewater | 17,010 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 1-2 |
| 48 Fall River Training School | 0 | ..... | ..... | ..... | ..... | 0 | 0 | 0 | 40 | 2 |
| 49 State Normal School, Framingham | 14,000 | 0 | 0 | 0 | 115,000 | 0 | 0 | 0 | 40 | 1-5 |
| 50 Haverhill Training School | 0 | \$2,927 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 1-5 |
| 51 Lawrence Training School ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 40 | 5 |
| 52 State Normal School, Salem | 16,470 | 0 | 0 | 0 | 2,000 | 0 | 0 | 0 | 40 | 2 |
| 53 State Normal School, Westfield | 13,750 | 0 | \$100 | \$60 | 150 | 0 | 0 | 0 | 40 | 2 |
| 54 State Normal School, Worcester | 13,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 2 |
| MICHIGAN. | | | | | | | | | | |
| 55 State Normal School | 42,875 | 0 | 4,287 | 5,323 | 20,704 | \$61,235 | 0 | 10 | 40 | 2 |
| MINNESOTA. | | | | | | | | | | |
| 56 State Normal School, Mankato | 16,000 | 0 | 0 | 1,418 | 0 | 0 | 0 | 19 | 38 | 2-3 |
| 57 Teachers' Training Class, Minneapolis | 0 | ..... | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 1 |
| 58 State Normal School, St. Cloud | 16,000 | 0 | 0 | 1,000 | 0 | 0 | 0 | 30 | 38 | 3-4 |
| 59 Teachers' Training School, St. Paul | 0 | ..... | 0 | 0 | 0 | 0 | 0 | 20 | 38 | 1 |
| 60 State Normal School, Winona | 18,000 | 0 | 0 | 2,300 | 500 | ..... | ..... | ..... | 38 | 1 |

| | | | | | | | | | | | | |
|----------------|----------------------------------------------|--------|---------|-------|--------|---------|--------|---|---|-------|----|---|
| 61 | State Normal School, Holly Springs | 2,500 | 0 | 0 | 0 | 1,000 | 0 | 0 | 0 | 0 | 38 | 2 |
| 62 | Normal Department of Tougaloo University* | 1,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MISSISSIPPI | | | | | | | | | | | | |
| MISSOURI | | | | | | | | | | | | |
| 63 | Missouri State Normal School, Cape Girardeau | 13,000 | 4,000 | 0 | 2,065 | 3,900 | 0 | 0 | 0 | 0 | 40 | 0 |
| 64 | Lincoln Institute, Jefferson City | 3,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65 | Missouri State Normal School, Kirksville * | 12,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 1 |
| 66 | St. Louis Normal School | 0 | 10,221 | 0 | 0 | 800 | 0 | 0 | 0 | 0 | 40 | 3 |
| 67 | State Normal School, Warrensburg | 12,500 | 0 | 0 | 9,965 | 0 | 0 | 0 | 0 | 0 | 40 | 0 |
| NEBRASKA | | | | | | | | | | | | |
| 68 | Bloomington Normal School * | 17,550 | 0 | 1,000 | 0 | 0 | 70,000 | 0 | 0 | 0 | 38 | 2 |
| 69 | Nebraska State Normal School | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NEW HAMPSHIRE | | | | | | | | | | | | |
| 70 | City Training School, Manchester | 0 | 2,800 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 1 |
| 71 | New Hampshire State Normal School | 7,000 | 2,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 2 |
| NEW JERSEY | | | | | | | | | | | | |
| 72 | Nowark Public Normal School | 0 | 2,123 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 2 |
| 73 | Normal Training Class, Paterson * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 74 | New Jersey State Normal School | 20,000 | 0 | 0 | 14,000 | 3,100 | 0 | 0 | 0 | 26-40 | 38 | 2 |
| NEW YORK | | | | | | | | | | | | |
| 75 | State Normal School, Albany | 23,500 | 0 | 0 | 0 | 688 | 0 | 0 | 0 | 0 | 40 | 2 |
| 76 | Teachers' Training Class, Albany | 0 | 500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 1 |
| 77 | Training School for Teachers, Brooklyn | 12,000 | 0 | 0 | 0 | 150 | 0 | 0 | 0 | 0 | 40 | 1 |
| 78 | State Normal School, Buffalo | 26,500 | 4,250 | 0 | 561 | 5,000 | 0 | 0 | 0 | 40 | 40 | 1 |
| 79 | State Normal and Training School, Cortland | 19,333 | 0 | 0 | 0 | 2,039 | 0 | 0 | 0 | 0 | 40 | 1 |
| 80 | State Normal and Training School, Fredonia | 18,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 4 |
| 81 | State Normal and Training School, Genesee | 21,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 1 |
| 82 | State Normal and Training School, New Paltz | 16,075 | 800 | 0 | 1,420 | 1,000 | 0 | 0 | 0 | 24 | 40 | 1 |
| 83 | Female Normal College, New York City | 0 | 118,500 | 0 | 1,107 | 18,440 | 0 | 0 | 0 | 24,32 | 40 | 1 |
| 84 | State Normal School, Oneonta | 0 | 0 | 0 | 0 | 10,500 | 0 | 0 | 0 | 0 | 40 | 3 |
| 85 | State Normal and Training School, Oswego | 21,000 | 0 | 0 | 0 | 114,000 | 0 | 0 | 0 | 24,32 | 40 | 5 |
| 86 | State Normal and Training School, Potsdam | 26,816 | 0 | 0 | 2,274 | 1,736 | 0 | 0 | 0 | 0 | 40 | 1 |
| 87 | Teachers' Training Class, Rochester | 0 | 0 | 0 | 0 | 7,203 | 0 | 0 | 0 | 28 | 40 | 1 |
| 88 | Syracuse Training School | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 1 |
| NORTH CAROLINA | | | | | | | | | | | | |
| 89 | State Colored Normal School, Fayetteville | 2,000 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 36 | 3 |
| 90 | State Colored Normal School, Goldsborough | 1,500 | 0 | 0 | 190 | 0 | 0 | 0 | 0 | 0 | 40 | 0 |
| 91 | Plymouth State Normal School | 1,500 | 0 | 0 | 150 | 25 | 0 | 0 | 0 | 0 | 40 | 4 |
| 92 | State Colored Normal School, Salisbury * | 1,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

*For 1887-88.

TABLE 6.—Financial statistics of public normal schools for 1888-89—Continued.

| | Name of institution. (For location see preceding table.) | Revenue from— | | | | Expend- ed dur- ing year for build- ing and repairs. | Amount invested and funds. | Tuition. | | Weeks in school year. | Years in course of science and art of teach- ing. |
|-----------------|-------------------------------------------------------------|---------------------------|--------------------------|----------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|------------------------------|-------------------------------------|-----------------------------|------------------------------------------------------------------|
| | | State ap- propriation. | City ap- propriation. | Interest on in- vested funds. | Other sources (exclud- ing board and lodg- ing). | | | Science of teach- ing. | Aca- demic de- part- ment. | | |
| | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| OHIO. | | | | | | | | | | | |
| 93 | Normal Department of the Ohio University..... | | | | 3,000 | 1,500 | 0 | | 27 | 39 | 1.5 |
| 94 | Cincinnati Normal School..... | 4,650 | 0 | 0 | 0 | | 0 | 0 | 0 | 40 | 1 |
| 95 | Cleveland Training School..... | 0 | | 0 | 0 | 0 | 0 | 0 | 40 | 40 | 1 |
| 96 | Dayton Normal School..... | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 1 |
| OREGON. | | | | | | | | | | | |
| 97 | Ashland State Normal School..... | 0 | 0 | 0 | 2,000 | 0 | 0 | 32 | 32 | 36 | 2.4 |
| 98 | Drain Academy and State Normal School..... | | | | 879 | | | | 33 | 36 | 3 |
| PENNSYLVANIA. | | | | | | | | | | | |
| 99 | State Normal School, Bloomsburg..... | | | 10,366 | 0 | 392 | 0 | 52.50 | 52.50 | 42 | 2 |
| 100 | Southwestern State Normal School..... | 9,000 | 0 | 0 | 10,000 | 3,000 | 0 | 52.50 | 52.50 | 42 | 1 |
| 101 | State Normal School, Clarion..... | 5,000 | 0 | 0 | 10,000 | 1,500 | 0 | 21 | 42 | 42 | 2 |
| 102 | State Normal School, Edinborough *..... | 12,000 | | | 10 | | | | | | |
| 103 | Teachers' Training Class, Erie..... | | | | | | | | | 40 | |
| 104 | Indiana Normal School of Pennsylvania *..... | 5,000 | 0 | 0 | 27,811 | | | 50 | 50 | | |
| 105 | Keystone State Normal School..... | 7,500 | 0 | 0 | | 2,230 | 0 | 40 | 40 | 42 | 2 |
| 106 | Central State Normal School..... | 5,000 | 0 | 0 | 8,000 | 0 | 0 | 52.50 | 52.50 | 42 | 2 |
| 107 | Pennsylvania State Normal School, Mansfield..... | 7,500 | 0 | 0 | 11,000 | 20,000 | 0 | 42 | 42 | 42 | 3 |
| 108 | Pennsylvania State Normal School, Millersville *..... | 15,000 | | | | | 0 | 42 | 42 | | |
| 109 | Girls' Normal School, Philadelphia..... | 0 | 48,247 | 0 | 0 | 2,800 | 0 | 0 | 0 | 43 | 1 |
| 110 | Training School for Teachers, Reading..... | 0 | 2,000 | 0 | 0 | | | | | 40 | 2 |
| 111 | Cumberland Valley State Normal School *..... | 5,000 | | | | | | 63 | 63 | | |
| 112 | West Chester State Normal School..... | 5,000 | 0 | 0 | | 6,000 | 0 | 65 | 65 | 42 | 3 |
| RHODE ISLAND. | | | | | | | | | | | |
| 113 | Rhode Island State Normal School..... | 12,000 | 0 | | | 147 | | 0 | | 40 | 3 |
| SOUTH CAROLINA. | | | | | | | | | | | |
| 114 | Winthrop Training School..... | 1,020 | 0 | 0 | 2,069 | 0 | 0 | 0 | | 36 | 1 |

| | | | | | | | | | | |
|----------------|------------------------------------------------------|--------|-----|-------|--------|--------|---------|-------|----|-----|
| TENNESSEE. | | 500 | 0 | 0 | 6,500 | 200 | 0 | 6 | 6 | 2 |
| 115 | Normal Department of Knoxville College..... | 0 | 500 | 0 | 4,642 | 5,137 | 0 | 27 | 36 | 2 |
| 116 | Morristown Normal Academy..... | 10,000 | 0 | 0 | 10,947 | 3,500 | 0 | 6 | 40 | 4 |
| 117 | Peabody Normal College..... | | | | | | | | | |
| TEXAS. | | 15,500 | 0 | 0 | 4,200 | 1,000 | 0 | 5 | 5 | 2 |
| 118 | Prairie View State Normal School*..... | 20,000 | 0 | 0 | | | | 0 | 37 | |
| 119 | Sam Houston State Normal School..... | | | | | | | | | |
| VERMONT. | | 2,940 | 0 | 0 | 500 | | | 0 | | |
| 120 | State Normal School, Castleton*..... | 2,856 | 300 | 0 | 350 | 0 | 0 | 0 | 12 | 1 |
| 121 | State Normal School, Johnson..... | 2,568 | 0 | 600 | 132 | 0 | 0 | 0 | 12 | 2 |
| 122 | State Normal School, Randolph..... | | | | | | | | | |
| VIRGINIA. | | 20,503 | 0 | 0 | 2,300 | 10,500 | 0 | 0 | 30 | 1 |
| 123 | State Female Normal School..... | 10,000 | 0 | 8,000 | 78,000 | 24,000 | 182,000 | 0 | 0 | 1 |
| 124 | Hampton Normal and Agricultural Institute..... | 15,000 | 0 | 0 | 7,509 | 0 | 0 | 0 | 10 | 1 |
| 125 | Virginia Normal and Collegiate Institute..... | 10,000 | 0 | 2,000 | 350 | 2,000 | 0 | 0 | 25 | 3 |
| 126 | College of William and Mary..... | | | | | | | | | |
| WEST VIRGINIA. | | 2,500 | 0 | 0 | 625 | 0 | 0 | 0 | 24 | 3 |
| 127 | Fairmount State Normal School..... | 2,200 | 0 | 0 | 186 | 0 | 0 | 0 | 24 | 3 |
| 128 | State Normal School, Glenview..... | 630 | 0 | 600 | 4,100 | 475 | | | | |
| 129 | Storer College..... | 3,750 | | | | | | | | |
| 130 | Marshall College State Normal School..... | 2,500 | 0 | 0 | | | | 20-24 | 24 | |
| 131 | Shepherd College State Normal School*..... | 2,492 | 0 | 0 | 103 | 700 | 0 | 0 | 24 | 1 |
| 132 | State Normal School, West Liberty..... | | | | | | | | | |
| WISCONSIN. | | 12,000 | 0 | | 1,794 | 368 | | 0 | 0 | 1 |
| 133 | Normal (Fourth Year High School) Class, Madison..... | 20,695 | 0 | | 4,110 | 7,500 | | 0 | 0 | 2 |
| 134 | State Normal School, Milwaukee..... | | | | | | | 0 | 20 | 2 |
| 135 | State Normal School, Oshkosh..... | | | | | | | 0 | 16 | 2.5 |
| 136 | State Normal School, Platteville..... | 10,000 | | | | | | | | 4.5 |
| 137 | State Normal School, River Falls*..... | 21,126 | 0 | | 2,417 | 1,852 | | 0 | 20 | |
| 138 | State Normal School, Whitewater..... | | | | | | | | | |

* For 1887-'88.

^a The peculiarity of the Pennsylvania schools in the matter of tuition is explained on p. 404 of this Bureau's Report for 1887-'88.
^b \$20,000 of this from United States Government.

| 25 | Daleville, Miss..... | 1865 | Tom. F. McBeath..... | 5 | 3 | 13 | 15 | 122 | 0 | 40 | 50 | 72 | 1 | 6 |
|----|----------------------------|------|---------------------------------------------------|---|----|-------|-----|-----|-----|-----|-------|------|-----|-----|
| 26 | Jackson, Miss..... | 1886 | C. Ayer..... | 4 | 4 | (131) | 23 | 70 | 0 | 5 | 43 | 68 | 0 | 0 |
| 27 | Walshall, Miss..... | 1887 | D. Harmon..... | 2 | 2 | 18 | 9 | 48 | 39 | 4 | 64 | 45 | 0 | 0 |
| 28 | Pleasant Hope, Mo..... | 1888 | J. B. Fly..... | 1 | 3 | 13 | 9 | 48 | 0 | 0 | 80 | 100 | 7 | 32 |
| 29 | Fremont, Nebr..... | 1884 | W. H. Clemmons..... | 5 | 4 | 80 | 100 | 0 | 0 | 70 | 80 | 100 | 7 | 0 |
| 30 | Republican City, Nebr..... | 1884 | J. H. Mitchell..... | 5 | 2 | 8 | 12 | 75 | 0 | 13 | 41 | 52 | 7 | 0 |
| 31 | New York, N. Y..... | 1887 | Nicholas Murray Butler..... | 9 | 24 | 413 | 498 | 36 | 0 | 0 | (443) | 13 | 9 | 56 |
| 32 | Asheborough, N. C..... | 1885 | W. Elmer Meade..... | 1 | 1 | 37 | 33 | --- | --- | --- | 37 | 38 | --- | --- |
| 33 | Raleigh, N. C..... | 1868 | Robert B. Sutton..... | 6 | 3 | 25 | 30 | --- | --- | --- | --- | --- | --- | --- |
| 34 | Defiance, Ohio..... | 1886 | James A. Boyce..... | 2 | 7 | 50 | 23 | 66 | 20 | 25 | 98 | 66 | 1 | 16 |
| 35 | Fremont City, Ohio..... | 1886 | B. L. Barr..... | 5 | 1 | 8 | 0 | 12 | 0 | 10 | 20 | 0 | --- | 2 |
| 36 | Wadsworth, Ohio..... | 1865 | J. B. Eberly..... | 5 | 4 | 20 | 30 | 133 | 0 | 70 | 108 | ed80 | 7 | 1 |
| 37 | Woodville, Ohio..... | 1882 | Rev. W. Steinhmann..... | 4 | 0 | 28 | 0 | --- | --- | --- | --- | --- | --- | --- |
| 38 | Muney, Pa..... | 1870 | William R. Peoples..... | 6 | 0 | 98 | 97 | --- | --- | --- | --- | --- | 23 | --- |
| 39 | Aiken, S. C..... | 1868 | Martha Scofield..... | 3 | 5 | 10 | 12 | 35 | 0 | 0 | 25 | 32 | 12 | 0 |
| 40 | Charleston, S. C..... | 1865 | Morrison A. Holmes..... | 1 | 5 | 4 | 7 | 56 | 0 | 0 | 22 | 45 | 11 | --- |
| 41 | Greenwood, S. C..... | 1871 | J. E. B. Jewett..... | 1 | 2 | 17 | 10 | --- | --- | --- | --- | --- | --- | --- |
| 42 | Memphis, Tenn..... | 1871 | Le Moyne Normal Institute*..... | 2 | 10 | 106 | 131 | --- | --- | --- | --- | --- | 10 | 64 |
| 43 | Austin, Texas..... | 1881 | Tillotson Collegiate and Normal Institute..... | 3 | 10 | 10 | 4 | 18 | 0 | 0 | 23 | 9 | 6 | --- |
| 44 | Lyndon, Wash..... | 1886 | J. R. Bradley..... | 2 | 1 | 4 | 12 | 30 | 0 | 9 | 16 | 36 | --- | --- |
| 45 | Buckhamton, W. Va..... | 1882 | Rev. W. O. Fries..... | 4 | 4 | 12 | 10 | 82 | 0 | 49 | 69 | 45 | 6 | 14 |
| 46 | Milwaukee, Wis..... | 1878 | Emil Dapprich..... | 4 | 2 | 14 | 15 | 0 | 0 | 0 | 14 | 15 | 47 | 11 |
| 47 | St. Francis, Wis..... | 1871 | Charles Fessler..... | 6 | 0 | 45 | 0 | --- | --- | --- | 89 | 0 | --- | --- |

* For 1887-88.

a The majority of the students (in all 141) take the normal course.

b The president, unable to make the distinction necessary to fill our form of inquiry, returns the whole number of pupils in his school, 714 male, 322 female students. These figures are for 1887-88. The principal, in making the return of pupils in attendance for 1887-88, makes no classification, merely giving the number as 72 male and 88 female students.

c Not recorded. The whole number of male students in the school is 112 of female students, 63.

d Among these were 6 graduates of colleges and 12 graduates of normal schools.

e This may include respectively 40 male and 30 female students in the commercial course.

TABLE 8.—Financial statistics of private normal schools for 1888-89.

| | Name of institution. (For location see table preceding.) | Revenue from— | | | Expend- ed during year for building and re- pairs. | Amount of in- vested funds. | Annual tuition— | | | Weeks in school year. | Years in course. |
|-------------|-------------------------------------------------------------------|----------------------------------------|--------------------------------------------|-------------------|-------------------------------------------------------------------|--------------------------------------|---------------------------------|--------------------------------|----------------------------|-----------------------------|---------------------|
| | | Interest on in- vested funds. | Dona- tions for current expenses. | Other sources. | | | Science and art teaching. | Aca- demic de- partment. | Other depart- ments. | | |
| | 2 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| ALABAMA. | | | | | | | | | | | |
| 1 | Central Alabama Academy | 0 | 0 | | | 0 | 0 | 0 | 0 | 36 | 3 |
| 2 | Emerson Institute..... | 0 | \$2,000 | \$1,445 | 0 | 0 | \$9.60 | \$9.60 | \$8 | 35 | 4 |
| ARKANSAS. | | | | | | | | | | | |
| 3 | Southland College and Normal Institute..... | \$1,800 | 300 | 3,362 | \$6,000 | 0 | 9 | 11.25 | 0 | 36 | 3 |
| CALIFORNIA. | | | | | | | | | | | |
| 4 | Stockton Business College and Normal Institute * | 0 | 0 | | | | 50-75 | | | | |
| GEORGIA. | | | | | | | | | | | |
| 5 | The Paine Institute..... | 1,750 | 0 | 1,058 | 0 | \$25,000 | 8 | 8 | 8 | 32 | 4 |
| 6 | Howard Normal School * | | | | | | 9 | 9 | 9 | | |
| ILLINOIS. | | | | | | | | | | | |
| 7 | Northern Illinois Normal School * | | | | | | | | | | |
| 8 | Northwestern Normal | | | | | | 48 | 40 | 0 | 40 | |
| 9 | Macomb Normal and Commercial College * | | | | | | 30 | 30 | 30 | | |
| 10 | Wells School for Teachers and School of Individual Instruction .. | 0 | 0 | 1,500 | 0 | 0 | 52 | 52 | 104 | 51 | |
| INDIANA. | | | | | | | | | | | |
| 11 | Tri-State Normal School | 0 | 0 | | 2,000 | 0 | 38 | 38 | 38 | 48 | 1 |
| 12 | Central Normal College..... | 0 | 0 | | | 0 | 32 | 32 | 32 | 48 | |
| 13 | Southern Indiana Normal College | 0 | 400 | 10,825 | 505 | 0 | 38 | 38 | 38 | 47 | 1 |
| 14 | Central Indiana Normal School | 0 | 0 | | | | 32 | 32 | | 48 | 1 |
| IOWA. | | | | | | | | | | | |
| 15 | Northern Iowa Normal School | 0 | 1,500 | 2,000 | 0 | 0 | 25 | 25 | 40 | 38 | 3 |
| 16 | Normal and Scientific Institute | 0 | 0 | 1,800 | 80 | 0 | 32 | 32 | 32 | 40 | 1 |
| 17 | Dexter Normal College..... | 0 | | | 0 | 0 | 49 | 49 | 49 | 48 | 3 |
| 18 | Ottumwa Normal School..... | 0 | 0 | 480 | 0 | 0 | 3 | 3 | 3 | 36 | 1 |
| 19 | Western Normal College..... | 0 | 0 | 25,000 | 17,060 | 0 | 40 | 40 | 40 | 48 | |

| | | | | | | | | | | | | |
|----|-----------------|------------------------------------------------------|-----|--------|-------|-------|--------|-----|-----|-----|----|---|
| 20 | KANSAS. | Kansas Normal College | | | | | | 40 | 40 | 40 | 40 | 2 |
| 21 | KENTUCKY. | Southern Normal School | 0 | 0 | 6,300 | 1,200 | 0 | 45 | 45 | 45 | 45 | 1 |
| 22 | | National Institute | 0 | 0 | 2,200 | 50 | 0 | 36 | 36 | 36 | 42 | 1 |
| 23 | LOUISIANA. | Southern Academic Institute | | | | | | 270 | 270 | 270 | 40 | 1 |
| 24 | MICHIGAN. | Sherwood Normal | 0 | 0 | | 150 | 0 | 32 | | | 32 | |
| 25 | MISSISSIPPI. | Cooper Normal College and Industrial Institute | 0 | 0 | 4,000 | 2,500 | 0 | 40 | 40 | 40 | 40 | 2 |
| 26 | | Jackson College* | | | | | | 8 | 8 | 8 | | |
| 27 | | Walshall Normal School | 0 | 592 | 1,200 | 150 | 0 | 30 | 30 | 30 | 40 | 1 |
| 28 | MISSOURI. | Pleasant Hope Normal Academy | 0 | 0 | 1,000 | 0 | 0 | | | | 40 | |
| 29 | NEBRASKA. | Prepont Normal | 0 | 0 | 5,677 | 670 | 0 | 50 | 50 | 50 | 50 | 2 |
| 30 | | McPherson Normal College | 0 | 0 | 4,700 | 700 | 0 | 25 | 25 | 30 | 36 | 2 |
| 31 | NEW YORK. | New York College for the Training of Teachers | 300 | 35,000 | 4,000 | 7,500 | 85,000 | 410 | | | 36 | 2 |
| 32 | NORTH CAROLINA. | Asheborough Normal School | | | | | | | | | | |
| 33 | | St. Augustine Normal School and Collegiate Institute | | 525 | 95 | | | | 9 | 9 | | |
| 34 | OHIO. | Defiance Normal | | | | | | | | | | |
| 35 | | Western Normal University | 0 | 0 | 4,000 | 1,900 | | 40 | 40 | 30 | 46 | 2 |
| 36 | | Western Reserve Normal College | | | | 250 | 0 | 26 | 26 | 40 | 50 | 2 |
| 37 | | Teachers' Seminary, Woodville | | | | | | 0 | 0 | 25 | 38 | 3 |
| 38 | PENNSYLVANIA. | Lycoming County Normal School* | | | | | | | | | | |

* Gift of the town of Shenandoah, the principal to furnish an equal amount.

* For 1887-88.

TABLE 8.—*Financial statistics of private normal schools for 1888-89—Continued.*

| | Name of institution. (For location see table preceding.) | Revenue from— | | | Expend- ed during year for building and re- pairs. | Amount of in- vested funds. | Annual tuition. | | | Weeks in school year. | Years in course. |
|----|-------------------------------------------------------------|----------------------------------------|--------------------------------------------|-------------------|-------------------------------------------------------------------|--------------------------------------|---------------------------------|--------------------------------|----------------------------|-----------------------------|---------------------|
| | | Interest on in- vested funds. | Dona- tions for current expenses. | Other sources. | | | Science and art teaching. | Acad- emic de- partment. | Other depart- ments. | | |
| | 2 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| | SOUTH CAROLINA. | | | | | | | | | | |
| 39 | The Scofield Normal and Industrial School..... | 311 | 3,645 | 475 | 414 | 7,515 | 5 | 5 | | 40 | |
| 40 | Avery Normal Institute..... | 0 | 0 | 4,350 | 150 | 0 | 11.25 | 11.25 | 0 | 36 | 2 |
| 41 | The Brewer Normal School *..... | | | | | | 6 | 6 | 6 | | |
| | TENNESSEE. | | | | | | | | | | |
| 42 | Le Moyne Normal Institute *..... | 60 | | | | 10,000 | 14 | 14 | 10 | | |
| | TEXAS. | | | | | | | | | | |
| 43 | Tillotson Collegiate and Normal Institute..... | 1,809 | 5,696 | 250 | 350 | 0 | 20 | 20 | 8 | 35 | 2, 4 |
| | WASHINGTON. | | | | | | | | | | |
| 44 | Northwest Normal School..... | 0 | 938 | 1,216 | 417 | 0 | 32 | 32 | 32 | 40 | 1.5 |
| | WEST VIRGINIA. | | | | | | | | | | |
| 45 | West Virginia Normal and Classical Academy..... | 0 | 60 | 1,400 | 40 | 0 | 27 | 27 | 27 | 38 | 3 |
| | WISCONSIN. | | | | | | | | | | |
| 46 | National German-American Teachers' Seminary..... | 0 | 3,859 | 5,564 | 0 | 70,000 | 0 | 0 | 0 | 40 | 3 |
| 47 | Catholic Normal School of the Holy Family *..... | | | | | | 40 | 40 | 40 | | |

* For 1887-'88.

CHAPTER XXVII.

SECONDARY INSTRUCTION.

TABLE 1.—*Summarized statement of students in private secondary schools preparing for colleges and scientific schools.*

| | Number of schools. | Students. | | | | | | |
|-----------------|--------------------|---------------|-------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------|
| | | Total number. | Number preparing for colleges and scientific schools. | Number preparing for classical course in colleges. | Number preparing for scientific course in colleges or scientific schools. | Percentage of students preparing for colleges and scientific schools to total number of students. | Percentage of students preparing for colleges and scientific schools preparing for— | |
| | | | | | | | Classical course in colleges. | Scientific course in colleges or scientific schools. |
| Schools for— | | | | | | | | |
| Boys..... | 297 | 26,409 | 8,461 | 5,620 | 2,841 | 32.04 | 66.42 | 33.58 |
| Girls..... | 290 | 26,497 | 2,203 | 1,329 | 874 | 8.31 | 60.33 | 39.67 |
| Both sexes..... | 737 | 93,655 | 12,329 | 7,419 | 4,910 | 13.17 | 60.18 | 39.82 |
| Total..... | 1,324 | 146,561 | 22,993 | 14,368 | 8,625 | 15.68 | 62.49 | 37.51 |

TABLE 2.—SUMMARY OF STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS.
DIVISION A.—Private schools for boys.

| States and Territories. | Number of schools. | Instructors. | | | Students. | | | | | | Value of scientific apparatus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Benefactions. |
|---------------------------|--------------------|--------------|---------|--------|-----------|-------------------------------------------------|------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|---------------|
| | | Male. | Female. | Total. | Total. | Preparing for scientific course or for college. | Preparing for college. | Total preparing for college and for scientific school. | Total who have entered college or scientific school since close of academic year. | Volumes in libraries | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| NORTH ATLANTIC DIVISION. | | | | | | | | | | | | | | | |
| Maine..... | 3 | 12 | 4 | 16 | 95 | 33 | 22 | 55 | 4 | 3,000 | \$6,000 | \$50,000 | | | |
| New Hampshire..... | 2 | 35 | 2 | 35 | 637 | 462 | 175 | 637 | 78 | 7,500 | 1,600 | 438,186 | \$486,687 | \$25,000 | \$20,000 |
| Vermont..... | 1 | 5 | 2 | 7 | 59 | 8 | 8 | 13 | | 400 | 1,200 | 40,000 | | | |
| Massachusetts..... | 18 | 80 | 29 | 109 | 1,377 | 513 | 168 | 681 | 148 | 71,525 | 12,420 | 862,500 | 721,000 | 34,700 | 60,400 |
| Rhode Island..... | 3 | 23 | 4 | 29 | 446 | 116 | 37 | 153 | | 1,600 | 6,000 | 136,000 | | 0 | 0 |
| Connecticut..... | 15 | 49 | 13 | 62 | 705 | 129 | 88 | 217 | 35 | 4,250 | 1,000 | 223,000 | | 0 | 0 |
| New York..... | 56 | 368 | 48 | 416 | 4,465 | 1,438 | 469 | 1,907 | 211 | 52,941 | 24,436 | 3,159,500 | 213,000 | 9,100 | 793 |
| New Jersey..... | 17 | 93 | 11 | 104 | 1,307 | 354 | 199 | 553 | 125 | 10,700 | 6,800 | 1,112,000 | 51,600 | 2,000 | 5,000 |
| Pennsylvania..... | 25 | 161 | 78 | 239 | 3,515 | 294 | 330 | 624 | 130 | 39,110 | 22,600 | 4,030,238 | 11,177,955 | 947,515 | 0 |
| SOUTH ATLANTIC DIVISION. | | | | | | | | | | | | | | | |
| Maryland..... | 19 | 76 | 4 | 80 | 1,119 | 288 | 152 | 440 | 92 | 18,500 | 2,175 | 548,000 | 800,600 | 43,000 | 0 |
| District of Columbia..... | 4 | 18 | | 18 | 347 | 25 | 18 | 43 | | 200 | 1,850 | 70,000 | 60,000 | 3,500 | 0 |
| Virginia..... | 17 | 62 | 3 | 65 | 995 | 328 | 73 | 401 | 143 | 15,050 | 2,890 | 274,900 | 27,000 | 2,500 | 0 |
| West Virginia..... | 1 | 2 | | 2 | 46 | 20 | | 20 | | | | | | | |
| North Carolina..... | 15 | 40 | | 40 | 948 | 170 | 117 | 287 | 55 | 7,700 | 1,425 | 78,100 | 0 | 0 | 0 |
| South Carolina..... | 6 | 17 | | 17 | 423 | 127 | 26 | 153 | 27 | 3,300 | 1,600 | 18,500 | 0 | 0 | 0 |
| Georgia..... | 10 | 21 | 7 | 28 | 763 | 80 | 85 | 165 | 27 | 3,290 | 700 | 114,500 | 50,000 | 5,000 | 13,800 |
| SOUTH CENTRAL DIVISION. | | | | | | | | | | | | | | | |
| Kentucky..... | 7 | 20 | 4 | 24 | 367 | 97 | 56 | 153 | 75 | 4,850 | 2,350 | 163,500 | 0 | 0 | 0 |
| Tennessee..... | 18 | 18 | 5 | 23 | 626 | 274 | 26 | 300 | 42 | 1,700 | 1,100 | 48,000 | 50,000 | 3,000 | 0 |
| Alabama..... | 4 | 25 | 2 | 27 | 552 | 91 | 55 | 146 | 53 | 1,700 | 2,150 | 143,000 | 0 | 0 | 0 |

| | 2 | 5 | 8 | 10 | 20 | 29 | 2,550 | 110 | 30,600 | 45,000 | 4,100 | ----- |
|------------------------------|-----|-------|-------|-------|--------|-------|-------|---------|------------|------------|-----------|---------|
| Mississippi..... | 5 | 36 | 8 | 44 | 81 | 9 | 28 | 110 | 30,600 | 45,000 | 4,100 | ----- |
| Louisiana..... | 5 | 27 | 2 | 29 | 583 | 54 | 184 | 1,000 | 81,000 | 0 | 0 | 0 |
| Texas..... | 4 | 27 | 2 | 29 | 664 | 63 | 108 | 1,825 | 95,000 | 0 | 0 | 1,000 |
| Indian Territory..... | 2 | 8 | 2 | 10 | 331 | ----- | 3 | 100 | 120,000 | 0 | 0 | 0 |
| NORTH CENTRAL DIVISION. | | | | | | | | | | | | |
| Ohio..... | 7 | 43 | 9 | 52 | 578 | 22 | 113 | 2,400 | 60,000 | 0 | 0 | 1,125 |
| Indiana..... | 1 | 3 | 3 | 6 | 40 | ----- | ----- | ----- | 8,000 | 0 | 0 | 0 |
| Illinois..... | 7 | 44 | 16 | 60 | 599 | 57 | 211 | 4,300 | 140,000 | 0 | 0 | 0 |
| Michigan..... | 1 | 10 | ----- | 10 | 184 | 33 | 46 | ----- | 150,000 | 0 | ----- | ----- |
| Wisconsin..... | 7 | 49 | 2 | 51 | 742 | 15 | 102 | 4,100 | 337,000 | 830 | 0 | 19,018 |
| Minnesota..... | 3 | 25 | 2 | 27 | 450 | 65 | 78 | 3,300 | 344,000 | 15,000 | 1,050 | 30,000 |
| Iowa..... | 1 | 6 | ----- | 6 | 73 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Missouri..... | 7 | 48 | 11 | 59 | 978 | 173 | 312 | 2,800 | 179,000 | 0 | 0 | 2,500 |
| WESTERN DIVISION. | | | | | | | | | | | | |
| Colorado..... | 2 | 18 | ----- | 18 | 197 | 7 | 46 | 1,200 | 225,000 | 0 | 0 | 0 |
| New Mexico..... | 2 | 13 | ----- | 13 | 218 | ----- | ----- | 150 | 42,500 | ----- | ----- | ----- |
| Washington..... | 3 | 16 | ----- | 16 | 282 | 5 | 10 | 2,000 | 118,000 | 55,000 | 4,000 | 70 |
| Oregon..... | 2 | 16 | 4 | 20 | 341 | 8 | 18 | 1,000 | 170,000 | 10,000 | 0 | 0 |
| California..... | 10 | 76 | 20 | 96 | 1,277 | 129 | 247 | 6,650 | 259,000 | 30,000 | 11,000 | 0 |
| North Atlantic Division..... | 140 | 828 | 189 | 1,017 | 12,007 | 1,493 | 4,840 | 81,156 | 10,005,424 | 12,712,652 | 1,018,315 | 95,193 |
| South Atlantic Division..... | 72 | 236 | 14 | 250 | 4,641 | 471 | 1,509 | 9,540 | 1,104,000 | 937,600 | 54,000 | 13,800 |
| South Central Division..... | 32 | 139 | 23 | 163 | 3,204 | 263 | 925 | 8,135 | 683,100 | 95,000 | 7,100 | 1,000 |
| North Central Division..... | 34 | 222 | 43 | 271 | 3,642 | 497 | 862 | 17,500 | 1,218,000 | 15,830 | 1,050 | 73,543 |
| Western Division..... | 19 | 139 | 24 | 163 | 2,315 | 149 | 325 | 8,400 | 814,500 | 93,000 | 15,000 | 70 |
| United States..... | 297 | 1,564 | 293 | 1,863 | 26,409 | 2,841 | 8,461 | 124,731 | 13,885,024 | 13,862,082 | 1,095,465 | 183,606 |

| | | | | | | | | | | | | | | | |
|------------------------------|-----|-------|-------|-------|--------|-------|-------|-------|-------|---------|--------|-----------|---------|--------|---------|
| Mississippi..... | 5 | 1 | 20 | 21 | 560 | 6 | ----- | 6 | 5 | 1,000 | 175 | 37,000 | 0 | ----- | 2,230 |
| Louisiana..... | 4 | 6 | 25 | 31 | 355 | 37 | ----- | 37 | 5 | 3,350 | ----- | 18,000 | 0 | ----- | 900 |
| Texas..... | 8 | 10 | 58 | 68 | 1,973 | 73 | 18 | 91 | 40 | 3,300 | 850 | 69,000 | 0 | ----- | 0 |
| Arkansas..... | 1 | 2 | 7 | 9 | 130 | ----- | 5 | 5 | ----- | 7,708 | ----- | 15,000 | 0 | ----- | 0 |
| Indian Territory..... | 3 | 1 | 10 | 18 | 367 | ----- | ----- | ----- | ----- | 1,100 | ----- | 30,000 | 0 | ----- | ----- |
| NORTH CENTRAL DIVISION. | | | | | | | | | | | | | | | |
| Ohio..... | 12 | 16 | 107 | 123 | 1,250 | 43 | 44 | 87 | 7 | 20,200 | 4,825 | 338,060 | ----- | ----- | 0 |
| Indiana..... | 7 | 6 | 127 | 133 | 1,346 | 19 | ----- | 19 | 5 | 5,520 | 1,275 | 115,000 | ----- | ----- | 300 |
| Illinois..... | 12 | 14 | 150 | 164 | 1,764 | 133 | 93 | 226 | 47 | 13,605 | 3,962 | 739,360 | 4,000 | 200 | 50,180 |
| Michigan..... | 3 | 7 | 19 | 26 | 264 | ----- | ----- | ----- | ----- | 871 | 1,200 | 57,000 | ----- | ----- | ----- |
| Wisconsin..... | 5 | 5 | 52 | 57 | 732 | ----- | 15 | 15 | ----- | 2,550 | ----- | 90,000 | ----- | ----- | 0 |
| Minnesota..... | 3 | 2 | 22 | 24 | 231 | ----- | ----- | ----- | ----- | 1,500 | 1,700 | 51,700 | 0 | ----- | 0 |
| Iowa..... | 1 | ----- | 1 | 1 | 19 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0 |
| Missouri..... | 8 | 11 | 75 | 105 | 682 | 14 | 77 | 14 | 5 | 8,000 | 915 | 775,000 | 0 | 0 | 0 |
| Nebraska..... | 3 | 3 | 41 | 43 | 317 | 5 | ----- | 82 | 2 | 5,000 | 700 | 94,700 | 0 | ----- | 10,000 |
| WESTERN DIVISION. | | | | | | | | | | | | | | | |
| Colorado..... | 1 | 3 | 13 | 16 | 165 | ----- | ----- | ----- | ----- | 2,000 | 1,000 | 200,000 | ----- | 20,000 | 1,000 |
| Utah..... | 2 | ----- | 31 | 31 | 439 | 30 | 100 | 100 | 50 | 3,800 | 300 | 12,000 | 0 | ----- | 0 |
| Nevada..... | 1 | 1 | 8 | 9 | 70 | ----- | ----- | ----- | ----- | 2,600 | 525 | 20,000 | ----- | ----- | ----- |
| Washington..... | 3 | 4 | 28 | 32 | 513 | 74 | ----- | 74 | 24 | 4,000 | 150 | 165,000 | 50,000 | 3,000 | ----- |
| Oregon..... | 1 | ----- | 5 | 5 | 120 | ----- | 5 | 5 | 3 | 500 | ----- | 4,000 | ----- | ----- | 50 |
| California..... | 13 | 26 | 132 | 158 | 1,362 | 49 | 21 | 73 | 21 | 9,315 | 2,100 | 205,000 | 0 | 0 | 60 |
| North Atlantic Division..... | 131 | 162 | 997 | 1,219 | 8,920 | 550 | 401 | 951 | 239 | 103,287 | 38,363 | 2,785,800 | 212,000 | 10,337 | 36,754 |
| South Atlantic Division..... | 48 | 66 | 314 | 390 | 4,296 | 180 | 11 | 191 | 26 | 24,145 | 8,215 | 555,000 | 6,000 | 320 | 24,193 |
| South Central Division..... | 36 | 34 | 226 | 267 | 4,037 | 172 | 104 | 276 | 190 | 17,848 | 1,825 | 404,000 | 8,200 | 622 | 7,130 |
| North Central Division..... | 54 | 64 | 594 | 676 | 6,605 | 214 | 229 | 443 | 66 | 63,246 | 14,577 | 2,260,700 | 4,000 | 200 | 66,489 |
| Western Division..... | 21 | 34 | 217 | 251 | 2,639 | 213 | 129 | 342 | 98 | 18,215 | 4,375 | 626,000 | 50,000 | 23,000 | 1,110 |
| United States..... | 290 | 390 | 2,348 | 2,803 | 26,497 | 1,329 | 874 | 2,203 | 619 | 236,741 | 67,355 | 6,631,500 | 280,200 | 34,479 | 135,673 |

TABLE 4.—SUMMARY OF STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS.
DIVISION C.—Private schools for both sexes.

| States or Territories. | Number of schools. | | Instructors. | | Students. | | | | | | | | | | Value of scientific apparatus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Benefactions. | | |
|---------------------------|--------------------|-------|--------------|-----|-----------------------------------------|-------|---------|-------|-------------------------------------------------------|-------|----------------------------------------------------|-------|--------------------------------------------------------------|--------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|---------------|---|----|
| | | | | | Preparing for college classical course. | | | | Preparing for scientific course or scientific school. | | Total preparing for college and scientific school. | | Total who have entered college since close of academic year. | | | | | | | | |
| | | | | | Male. | | Female. | | Total. | | | | | | | | | | | | |
| | | | | | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | | 9 | 10 | 11 | 1 | 2 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| NORTH ATLANTIC DIVISION. | | | | | | | | | | | | | | | | | | | | | |
| Maine..... | 19 | 37 | 49 | 86 | 1,140 | 1,039 | 2,448 | 234 | 72 | 80 | 47 | 433 | 69 | 9,786 | \$4,550 | \$221,600 | \$205,400 | \$10,953 | \$1,317 | | |
| New Hampshire..... | 23 | 38 | 44 | 82 | 1,743 | 1,741 | 1,512 | 105 | 54 | 45 | 3 | 207 | 21 | 14,800 | 6,355 | 404,500 | 1,339,200 | 48,768 | 2,664 | | |
| Vermont..... | 19 | 46 | 66 | 112 | 1,336 | 1,162 | 2,709 | 243 | 109 | 113 | 82 | 547 | 68 | 11,123 | 9,175 | 506,784 | 419,800 | 22,843 | 6,679 | | |
| Massachusetts..... | 38 | 87 | 126 | 213 | 1,816 | 1,703 | 3,521 | 319 | 178 | 179 | 30 | 706 | 95 | 29,185 | 32,412 | 1,667,365 | 1,000,230 | 57,104 | 15,234 | | |
| Rhode Island..... | 3 | 14 | 17 | 31 | 164 | 197 | 433 | 23 | 11 | 6 | ..... | 40 | 14 | 8,685 | 500 | 500,000 | 225,000 | 11,500 | 0 | | |
| Connecticut..... | 15 | 32 | 41 | 73 | 548 | 586 | 1,134 | 58 | 41 | 12 | 20 | 131 | 27 | 11,290 | 3,830 | 148,000 | 266,000 | 12,800 | 34,800 | | |
| New York..... | 76 | 217 | 318 | 535 | 5,351 | 5,089 | 11,326 | 465 | 211 | 326 | 281 | 1,283 | 142 | 72,066 | 51,165 | 2,114,968 | 570,930 | 26,403 | 210,679 | | |
| New Jersey..... | 22 | 75 | 99 | 174 | 1,503 | 1,102 | 2,875 | 210 | 44 | 117 | 29 | 400 | 80 | 15,150 | 10,460 | 789,200 | 239,000 | 11,046 | 49,175 | | |
| Pennsylvania..... | 47 | 145 | 164 | 309 | 3,345 | 2,864 | 6,479 | 361 | 178 | 226 | 154 | 519 | 156 | 41,066 | 17,324 | 1,653,000 | 811,694 | 43,757 | 81,075 | | |
| SOUTH ATLANTIC DIVISION. | | | | | | | | | | | | | | | | | | | | | |
| Delaware..... | 4 | 11 | 16 | 27 | 284 | 225 | 509 | 34 | 8 | 6 | ..... | 48 | 15 | 3,300 | 1,400 | 129,000 | 7,000 | 350 | 0 | | |
| Maryland..... | 7 | 13 | 28 | 41 | 290 | 276 | 566 | 12 | 2 | 2 | ..... | 16 | 17 | 2,650 | 2,815 | 65,000 | 18,000 | 700 | 0 | | |
| District of Columbia..... | 2 | 4 | 15 | 19 | 138 | 162 | 300 | 10 | 2 | 2 | ..... | 14 | 0 | 1,200 | 254 | 60,000 | 0 | 0 | 0 | | |
| Virginia..... | 6 | 15 | 17 | 32 | 445 | 436 | 881 | 25 | 12 | 22 | 5 | 64 | 13 | 2,250 | 750 | 47,100 | 0 | 0 | 250 | | |
| West Virginia..... | 1 | ..... | 4 | 4 | 38 | 54 | 92 | ..... | ..... | ..... | ..... | ..... | 5 | ..... | ..... | ..... | ..... | ..... | ..... |  |  |
| North Carolina..... | 48 | 89 | 73 | 167 | 2,531 | 2,086 | 4,617 | 262 | 174 | 119 | 76 | 631 | 103 | 9,015 | 3,805 | 180,300 | 32,000 | 2,532 | 2,250 | | |
| South Carolina..... | 8 | 18 | 34 | 52 | 864 | 833 | 1,697 | 30 | 17 | 53 | 40 | 140 | 12 | 2,318 | 675 | 77,500 | 33,000 | 0 | 600 | | |
| Georgia..... | 66 | 87 | 101 | 188 | 3,453 | 3,333 | 6,796 | 334 | 314 | 175 | 100 | 923 | 117 | 2,170 | 2,675 | 235,300 | 13,000 | 4,650 | 1,565 | | |
| Florida..... | 5 | 11 | 23 | 34 | 337 | 563 | 905 | 16 | 20 | ..... | ..... | 36 | 0 | 3,550 | 500 | 141,000 | 121,150 | 8,148 | 400 | | |
| SOUTH CENTRAL DIVISION. | | | | | | | | | | | | | | | | | | | | | |
| Kentucky..... | 19 | 32 | 62 | 94 | 912 | 854 | 2,031 | 73 | 113 | 70 | 43 | 304 | 51 | 5,845 | 2,660 | 140,300 | 8,000 | 415 | 2,124 | | |
| Tennessee..... | 33 | 61 | 71 | 132 | 2,211 | 1,757 | 4,207 | 246 | 122 | 234 | 139 | 801 | 172 | 7,158 | 1,565 | 271,625 | ..... | ..... | 400 | | |

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----|-------|-------|-------|--------|--------|--------|-------|-------|-------|-------|--------|-------|---------|---------|------------|-----------|---------|---------|
| Alabama..... | 20 | 35 | 63 | 98 | 1,328 | 1,335 | 2,979 | 127 | 118 | 73 | 47 | 365 | 174 | 6,123 | 1,285 | 156,900 | 31,704 | 2,200 | 5,811 |
| Mississippi..... | 15 | 31 | 39 | 70 | 978 | 992 | 1,970 | 121 | 89 | 129 | 137 | 476 | 189 | 9,776 | 1,200 | 101,800 | 0 | 0 | 200 |
| Louisiana..... | 8 | 22 | 51 | 73 | 396 | 510 | 1,006 | 40 | 8 | 24 | 30 | 102 | 12 | 1,395 | 115 | 101,800 | 0 | 0 | 10,000 |
| Texas..... | 17 | 41 | 50 | 91 | 1,230 | 2,860 | 118 | 86 | 140 | 36 | 76 | 420 | 51 | 2,640 | 2,500 | 191,000 | 10,000 | 500 | 1,522 |
| Arkansas..... | 12 | 24 | 31 | 55 | 926 | 1,834 | 1,855 | 49 | 36 | 45 | 33 | 164 | 16 | 4,435 | 775 | 104,300 | 0 | 0 | 3,332 |
| Indian Territory..... | 3 | 5 | 17 | 22 | 186 | 232 | 418 | 2 | 2 | | | | 0 | 900 | 20 | 65,000 | 0 | 0 | 1,387 |
| NORTH CENTRAL DIVISION | | | | | | | | | | | | | | | | | | | |
| Ohio..... | 20 | 44 | 61 | 105 | 1,123 | 1,164 | 2,297 | 180 | 49 | 35 | 70 | 334 | 63 | 11,165 | 2,315 | 413,600 | 52,400 | 3,606 | 1,500 |
| Indiana..... | 8 | 18 | 23 | 41 | 582 | 496 | 1,452 | 31 | 14 | 18 | 1 | 64 | 14 | 7,701 | 1,370 | 60,000 | 63,200 | 4,800 | 0 |
| Illinois..... | 21 | 58 | 66 | 124 | 1,449 | 1,518 | 3,209 | 61 | 47 | 111 | 89 | 308 | 26 | 34,500 | 5,417 | 367,650 | 63,000 | 3,534 | 6,225 |
| Michigan..... | 5 | 6 | 26 | 32 | 411 | 575 | 986 | 9 | 3 | 15 | 18 | 45 | 7 | 1,925 | 3,300 | 65,000 | 20,000 | 3,400 | 0 |
| Wisconsin..... | 7 | 19 | 28 | 47 | 561 | 402 | 963 | 61 | 28 | 29 | 17 | 135 | 10 | 5,100 | 2,400 | 158,500 | 60,500 | 3,980 | 17,570 |
| Minnesota..... | 8 | 35 | 29 | 64 | 1,046 | 606 | 1,652 | 64 | 29 | 40 | 26 | 159 | 34 | 8,725 | 850 | 243,000 | 65,000 | 3,300 | 42,000 |
| Iowa..... | 23 | 49 | 42 | 91 | 1,557 | 1,426 | 3,254 | 45 | 81 | 63 | 41 | 330 | 65 | 11,150 | 3,010 | 282,500 | 35,500 | 5,230 | 21,250 |
| Missouri..... | 40 | 91 | 87 | 178 | 2,122 | 2,030 | 4,587 | 359 | 275 | 290 | 196 | 1,120 | 342 | 19,070 | 3,705 | 286,400 | 24,200 | 2,220 | 620 |
| Dakota..... | 9 | 23 | 33 | 56 | 383 | 456 | 897 | 97 | 18 | 23 | | | 12 | 3,555 | 1,100 | 193,000 | 28,000 | 1,770 | 9,050 |
| Nebraska..... | 6 | 15 | 17 | 32 | 355 | 384 | 739 | 48 | 44 | 21 | 22 | 135 | 42 | 3,950 | 800 | 117,300 | 3,000 | 300 | 4,340 |
| Kansas..... | 6 | 17 | 17 | 34 | 335 | 408 | 743 | 65 | 47 | 29 | 69 | 210 | 0 | 1,940 | 525 | 158,500 | 33,540 | 3,220 | 4,480 |
| WESTERN DIVISION | | | | | | | | | | | | | | | | | | | |
| Colorado..... | 3 | 5 | 7 | 12 | 106 | 108 | 214 | 5 | 7 | 7 | 2 | 21 | 1 | 465 | 600 | 56,000 | 0 | 0 | 5,475 |
| New Mexico..... | 0 | 8 | 26 | 34 | 394 | 432 | 836 | 8 | 7 | 5 | 5 | 25 | 10 | 1,400 | 290 | 66,000 | 0 | 0 | 1,400 |
| Utah..... | 12 | 23 | 35 | 58 | 1,271 | 1,069 | 2,905 | 22 | 4 | 3 | | 17 | 8 | 3,863 | 2,000 | 232,300 | 0 | 0 | 18,008 |
| Washington..... | 10 | 21 | 11 | 32 | 337 | 377 | 774 | 10 | 5 | 1 | | 28 | 0 | 2,574 | 495 | 63,000 | 21,000 | 1,100 | 2,340 |
| Oregon..... | 6 | 6 | 16 | 22 | 264 | 293 | 557 | 16 | 13 | 4 | 8 | 41 | 8 | 850 | 885 | 49,000 | 9,800 | 700 | 30 |
| California..... | 11 | 24 | 45 | 69 | 466 | 1,057 | 1,523 | 15 | 14 | 6 | 10 | 45 | 7 | 5,850 | 1,470 | 149,000 | | | 986 |
| North Atlantic division..... | 262 | 691 | 924 | 1,615 | 15,946 | 14,485 | 32,437 | 2,018 | 898 | 1,104 | 646 | 4,666 | 672 | 213,301 | 135,774 | 8,005,417 | 5,167,244 | 244,674 | 401,614 |
| South Atlantic division..... | 147 | 248 | 311 | 564 | 8,380 | 7,973 | 16,363 | 723 | 549 | 379 | 221 | 1,872 | 282 | 26,453 | 12,874 | 938,200 | 224,150 | 16,380 | 5,065 |
| South Central division..... | 127 | 251 | 384 | 635 | 8,160 | 7,664 | 17,326 | 776 | 574 | 716 | 570 | 2,636 | 665 | 38,272 | 10,120 | 1,114,525 | 49,704 | 3,115 | 24,776 |
| North Central division..... | 153 | 375 | 429 | 804 | 9,934 | 9,465 | 20,730 | 1,120 | 635 | 674 | 549 | 2,978 | 615 | 108,781 | 24,792 | 2,348,450 | 450,340 | 33,380 | 107,104 |
| Western division..... | 48 | 87 | 140 | 227 | 2,898 | 3,336 | 6,769 | 76 | 50 | 23 | 25 | 177 | 34 | 15,002 | 5,740 | 621,500 | 30,500 | 1,860 | 28,259 |
| United States..... | 737 | 1,652 | 2,188 | 3,845 | 45,318 | 42,923 | 93,655 | 4,713 | 2,706 | 2,899 | 2,011 | 12,329 | 2,268 | 401,809 | 189,300 | 13,024,892 | 5,921,938 | 301,409 | 506,818 |

TABLE 5.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89.

DIVISION A.—*Private schools for boys.*—PART I.

| Location. | Name. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | Physical culture. | |
|-------------|---------------------|---------------------------------|------------------|------------------|-------------------------|--------------|---------|--------|-----------|-------------------------------------------------------------------------|-----------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Total. | Total preparing for college course in college or for scientific school. | Has the school a gymnasium? | Is military drill employed? |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| ALABAMA. | | | | | | | | | | | | |
| 1 | Anniston | High School for Boys..... | 1886 | 1887 | P. E. | 3 | ..... | 3 | 52 | 12 | No. | No. |
| 2 | Athens | Athens Male Academy..... | 1878 | 1879 | Non-sect.. | 1 | 1 | 2 | 62 | 1 | No. | No. |
| 3 | Demopolis | Marengo Military Institute..... | 1888 | 1888 | Non-sect.. | 3 | 1 | 4 | 61 | 1 | No. | Yes. |
| 4 | Livingston | Livingston Male Academy..... | 1883 | 1880 | ..... | 3 | ..... | 3 | 69 | 24 | No. | Yes. |
| 5 | Marion | Marion Military Institute..... | 1889 | 1887 | ..... | 5 | ..... | 5 | 123 | ..... | No. | Yes. |
| 6 | Mobile | Towles Institute for Boys..... | 1889 | 1869 | Non-sect.. | 3 | ..... | 3 | 51 | 28 | No. | Yes. |
| 7 | Tuscaloosa | University High School..... | 1888 | 1886 | ..... | 3 | ..... | 3 | 80 | 50 | No. | Yes. |
| 8 | Tuskegee | Alabama High School..... | 1887 | 1857 | Non-sect.. | 4 | ..... | 4 | 54 | 30 | No. | Yes. |
| CALIFORNIA. | | | | | | | | | | | | |
| 9 | Belmont | Belmont School ..... | ..... | 1885 | Non-sect.. | 6 | 3 | 9 | 84 | 25 | Yes. | Yes. |
| 10 | Berkeley | Bowens Academy ..... | ..... | 1884 | Non-sect.. | 3 | 3 | 6 | 27 | 13 | No. | No. |
| 11 | Los Angeles | McPherron Academy..... | ..... | 1887 | Presb.... | 2 | 2 | 4 | 125 | 25 | Yes. | Yes. |
| 12 | Napa City | Oak Mound School..... | ..... | 1872 | Non-sect.. | 2 | 2 | 4 | 100 | 11 | No. | No. |
| 13 | Oakland | Hopkins Academy ..... | ..... | ..... | Cong.... | 3 | 3 | 8 | 49 | 4 | Yes. | No. |
| 14 | do | Sackett School | 1871 | 1879 | Non-sect.. | 11 | 1 | 12 | 41 | ..... | ..... | ..... |
| 15 | San Francisco | Sacred Heart College..... | 1879 | 1874 | R. C. | 18 | ..... | 18 | 500 | 145 | No. | No. |

TABLE 5.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION A.—Private schools for boys.—PART I—Continued.

| Location. | Name. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | Students. | Physical culture. | | | |
|-------------------------------------------|---------------------------------------|---------------------------------------|------------------|------------------|-------------------------|--------------|---------|-----------|-------------------|--------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|
| | | | | | | Male. | Female. | | Total. | Total preparing for college classical course or for scientific course in college or scientific school. | Has the school a gymnasium? | Is military drill employed? |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| GEORGIA—continued. | | | | | | | | | | | | |
| 48 Sharon..... | Sacred Heart Seminary | Sisters of St. Joseph ..... | ..... | 1878 | R. C ..... | ..... | 2 | 2 | 22 | ..... | No.. | No. |
| 49 Washington | Male Academy | G. M. Kendrick ..... | ..... | ..... | Non-sect.. | 1 | 1 | 2 | 69 | 4 | No.. | No. |
| ILLINOIS. | | | | | | | | | | | | |
| 50 Addison | German Evangelical Lutheran School... | T. John Grosse ..... | ..... | 1849 | Ev. Luth.. | 3 | ..... | 3 | 184 | ..... | ..... | Yes. |
| 52 Chicago (623 W. Adams st.) | German-American Academy | Robert Haentze | 1882 | 1876 | ..... | 5 | 2 | 7 | 55 | 10 | Yes. | Yes. |
| 51 Chicago (2251-2253 Calumet ave.) | Allen Academy | Ira A. Allen ..... | ..... | 1863 | Non-sect.. | 9 | 3 | 12 | 83 | 55 | Yes. | Yes. |
| 53 Chicago (2101 Indiana ave.) | The Harvard School | J. J. Schobinger, John C. Grant ..... | ..... | ..... | Non-sect.. | 8 | 5 | 13 | 130 | 70 | No. | Yes. |
| 54 Chicago (223 Dearborn ave.) | University School | E. C. Coulter, head-master ..... | ..... | 1878 | ..... | 8 | 2 | 10 | 68 | 60 | No.. | ..... |
| 55 Highland Park | Northwestern Military Academy | H. P. Davidson ..... | ..... | 1888 | Non-sect.. | 6 | 1 | 7 | 48 | 13 | Yes. | Yes. |
| 56 Morgan Park | Morgan Park Military Academy | Capt. Ed. W. Kirk Talcott ..... | ..... | 1873 | Non-sect.. | 5 | 3 | 8 | 31 | 3 | No.. | Yes. |

TABLE 5.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.
DIVISION A.—*Private schools for boys.*—PART I—Continued.

| Location. | Name. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | Physical culture. | |
|--------------------------------------|-------------------------------------------|-----------------------------------|------------------|------------------|-------------------------|--------------|---------|--------|-----------|--------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Total. | Total preparing for college classical course or for scientific course in college or scientific school. | Has the school a gymnasium? | Is military drill employed? |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| MARYLAND—continued. | | | | | | | | | | | | |
| 79 Baltimore (870 Linden ave.). | School for Boys | Geo. G. Carey, A. M. .... | ..... | 1864 | Non-sect.. | 4 | ..... | 4 | 44 | ..... | Yes. | No. |
| 80 Baltimore (710-712 Madison ave.). | University School for Boys..... | W. S. Marston ..... | ..... | 1880 | ..... | 6 | ..... | 6 | 120 | 90 | No.. | No. |
| 81 Baltimore (703 Madison ave.). | Wright's University School * | Abram W. Wright..... | ..... | 1885 | Non-sect.. | 4 | ..... | 4 | 35 | 28 | ..... | ..... |
| 82 Carroll | Mt. St. Joseph's College..... | ..... | 1876 | 1877 | R. C | 12 | ..... | 12 | 99 | 32 | Yes. | Yes. |
| 83 Catonsville | Overlea, Home School for Young Men | Rev. Geo. W. Ebeling, Ph. D ..... | ..... | 1861 | Evang | 2 | ..... | 2 | 12 | ..... | No.. | No. |
| 84 Centerville | Centerville Academy and High School | Rev. A. G. Harley, st. | 1793 | 1800 | Non-sect.. | 2 | ..... | 2 | 61 | 16 | No.. | No. |
| 85 Charlotte Hall | Charlotte Hall School | R. W. Silvester | 1774 | 1774 | Non-sect.. | 4 | ..... | 4 | 86 | 70 | Yes. | Yes. |
| 86 College of St. James | College of St. James Grammar School | Henry Onderdonk, A. M. | 1844 | 1842 | P. E | 4 | ..... | 4 | 25 | 20 | Yes. | No. |
| 87 Colora. | West Nottingham Academy | John G. Conner, A. B. | 1812 | 1741 | Non-sect.. | 2 | ..... | 2 | 40 | 5 | No.. | No. |
| 88 Ellicott City | Maupin's University School | Chapman Maupin, M. A. .... | ..... | 1882 | Non-sect.. | 2 | ..... | 2 | 21 | 11 | Yes. | No. |
| 89 Frederick | Frederick College * | Thomas A. Gatch, A. M. | 1829 | 1842 | Non-sect.. | 3 | ..... | 3 | 79 | ..... | ..... | ..... |
| 90 Frederick | St. John's Literary Institution | Rev. M. A. O'Kane | 1842 | 1843 | R. C | 2 | ..... | 2 | 60 | 40 | Yes. | Yes. |
| 91 McDonogh | McDonogh Institute | W. Allan, M. A., LL. D ..... | ..... | 1873 | ..... | 6 | ..... | 6 | 106 | 4 | No.. | No. |
| 92 Rockville | Rockville Academy | C. K. Nelson, D. D. | 1898 | 1809 | ..... | 3 | ..... | 3 | 55 | 52 | Yes. | (a) |
| 93 St. George | St. George's Hall | James C. Kinear, A. M. .... | ..... | 1876 | P. E | 3 | 1 | 4 | 35 | 9 | Yes. | ..... |
| 94 Upper Marlborough .. | Upper Marlborough Academy | Wm. M. Coleman | 1835 | 1836 | Non-sect.. | 2 | ..... | 2 | 51 | ..... | ..... | ..... |

TABLE 5.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION A.—Private schools for boys—PART I—Continued.

| Location. | Name. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | Physical culture. | |
|-------------------|-----------------------------------------------------------------------|--------------------------------|------------------|------------------|-------------------------|--------------|---------|--------|-----------|------------------------------------------------------------------------|-----------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Total. | Total preparing for college classical course or for scientific school. | Has the school a gymnasium? | Is military drill employed? |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| NEW HAMPSHIRE. | | | | | | | | | | | | |
| 126 Concord | St. Paul's School | Jos. W. Coit | 1855 | 1856 | P. E. | 25 | ..... | 25 | 300 | 300 | Yes. | Yes. |
| 127 Exeter | Phillips Exeter Academy | Prof. A. J. Tufts, secretary | 1781 | 1783 | Non-sect. | 10 | ..... | 10 | 337 | 337 | Yes. | No. |
| NEW JERSEY. | | | | | | | | | | | | |
| 128 Bloomfield | Academic Department of the German Theological School of Newark, N. J. | Rev. Charles E. Knox, D. D. | ..... | 1809 | Presb. | 4 | ..... | 4 | 22 | ..... | Yes | No. |
| 129 Bordentown | Adelphic Institute | Rev. Robert Jullien, A. M. | ..... | 1866 | ..... | 1 | ..... | 1 | 12 | ..... | ..... | ..... |
| 130 do | Bordentown Military Institute | Rev. T. D. Landon, A. M. | ..... | ..... | Non-sect. | 7 | ..... | 7 | 58 | ..... | No. | Yes. |
| 131 Bridgeton | West Jersey Academy | Caleb Allen | ..... | 1854 | Presb. | 8 | 1 | 9 | 79 | 12 | No. | Yes. |
| 132 Englewood | English and Classical School | W. W. Smith, A. M. | 1852 | 1880 | ..... | 3 | 2 | 5 | 43 | 35 | No. | No. |
| 133 Hightstown | Phillips School | Henry L. Phillips | ..... | 1888 | P. E. | 1 | ..... | 1 | 10 | ..... | No. | No. |
| 134 Hoboken | Stevens School | Rev. Edward Wall, A. M. | ..... | 1870 | ..... | 11 | ..... | 11 | 203 | ..... | Yes. | No. |
| 135 Lakewood | Courtland School | Thomas D. Suplee, Ph. D. | ..... | 1885 | P. E. | 6 | ..... | 6 | 30 | 30 | No. | No. |
| 136 Lawrenceville | Lawrenceville School | Rev. Jas. C. Mackenzie, Ph. D. | 1882 | 1882 | Presb. | 12 | ..... | 12 | 200 | 175 | Yes. | No. |
| 137 Morristown | Morris Academy | Charles D. Platt, A. M. | 1791 | 1792 | Non-sect. | 4 | 2 | 6 | 64 | ..... | No. | No. |
| 138 Mount Holly | Mt. Holly Academy | Henry M. Waldratt | ..... | 1886 | Non-sect. | 3 | 2 | 5 | 55 | 16 | Yes. | No. |

| | | S. A. Farrand, A. M., PR. D. | 1795 | 1792 | Non-sect. | 11 | 2 | 13 | 239 | 140 | Yes. | No. |
|-------------|----------------------------------|-----------------------------------------------|-------|-------|-----------|----|-------|----|-----|-------|-------|-------|
| 139 | Newark (536-548 High st.). | Nowark Academy | 1795 | 1792 | Non-sect. | 11 | 2 | 13 | 239 | 140 | Yes. | No. |
| 140 | New Brunswick | Ratgers College Grammar School | 1796 | 1766 | Reformed. | 5 | 2 | 7 | 100 | ..... | Yes. | No. |
| 141 | Paterson | The Paterson Classical and Scientific School. | 1859 | 1859 | ..... | 3 | ..... | 3 | 36 | 25 | ..... | ..... |
| 142 | Plainfield | Mr. Leal's School. | 1882 | 1882 | ..... | 6 | ..... | 6 | 72 | 48 | No. | No. |
| 143 | Princeton | Preparatory School. | ..... | ..... | Non-sect. | 4 | ..... | 4 | 45 | 44 | Yes. | No. |
| 144 | Summit | Summit Academy | 18-2 | 18-2 | Non-sect. | 4 | ..... | 4 | 39 | 28 | No. | Yes. |
| NEW MEXICO. | | | | | | | | | | | | |
| 145 | Mora | St. Mary's College. | 1864 | 1864 | R. C. | 2 | ..... | 2 | 68 | 4 | No. | No. |
| 146 | Santa Fé | St. Michael's College. | 1883 | 1859 | R. C. | 11 | ..... | 11 | 150 | ..... | Yes. | ..... |
| NEW YORK. | | | | | | | | | | | | |
| 147 | Albany (43 Lodge st.). | Christian Brothers' Academy | ..... | ..... | R. C. | 10 | ..... | 10 | 275 | 105 | Yes. | Yes. |
| 148 | Albany | The Albany Academy | 1813 | 1815 | Non-sect. | 9 | 3 | 12 | 233 | 60 | No. | Yes. |
| 149 | Astoria (157 Franklin st.). | Astoria Latin School. | ..... | 1883 | ..... | 1 | ..... | 1 | 15 | 7 | No. | No. |
| 150 | Brooklyn | Brooklyn Latin School. | 1883 | 1883 | ..... | 6 | ..... | 6 | 78 | 30 | No. | (b) |
| 151 | Brooklyn (44 Court st.). | College Grammar School. | 1849 | 1849 | ..... | 1 | ..... | 1 | 20 | 8 | Yes. | No. |
| 152 | Buffalo (129 College st.). | English, Classical, and Mathematical School. | ..... | 1885 | Non-sect. | 3 | ..... | 3 | 25 | 13 | No. | No. |
| 153 | Buffalo | Heathcote School. | 1865 | 1865 | ..... | 3 | 1 | 4 | 45 | 17 | ..... | No. |
| 154 | Canandaigua | Canandaigua Academy. | 1795 | 1795 | Non-sect. | 4 | 3 | 6 | 106 | 40 | Yes. | Yes. |
| 155 | Clinton | Clinton Grammar School. | 1815 | 1813 | Non-sect. | 3 | 3 | 6 | 98 | 40 | Yes. | Yes. |
| 156 | do | Kirkland Hall. | 1881 | 1881 | P. E. | 5 | 1 | 6 | 52 | 12 | Yes. | Yes. |
| 157 | Cornwall-on-the-Hudson. | Cornwall Heights School. | ..... | 1868 | ..... | 3 | 1 | 4 | 12 | 3 | Yes. | No. |
| 158 | Dobbs Ferry | Westminster School. | ..... | 1888 | Non-sect. | 10 | ..... | 10 | 42 | 42 | Yes. | No. |
| 159 | Flushing | Flushing Institute. | ..... | ..... | Non-sect. | 6 | ..... | 6 | 57 | 7 | ..... | ..... |
| 160 | Garden City | Chas. S. Moore, head-master. | ..... | ..... | P. E. | 17 | 1 | 18 | 118 | 95 | Yes. | Yes. |
| 161 | Hamilton | Rev. John Greeke, Ph. D. | 1883 | 1883 | Baptist | 7 | ..... | 7 | 139 | 120 | No. | No. |
| 162 | Manlius | William Verbeck, superintendent. | 1881 | 1879 | P. E. | 9 | 2 | 11 | 57 | 28 | Yes. | Yes. |
| 163 | New Brighton (S. I.). | St. Austin's School. | 1886 | 1883 | P. E. | 9 | ..... | 9 | 90 | 27 | Yes. | Yes. |
| 164 | do | Trinity School for Boys | ..... | 1867 | P. E. | 3 | ..... | 3 | 36 | 27 | No. | Yes. |
| 165 | Newburgh (Summary place). | Siglar's Preparatory School. | ..... | 1853 | Non-sect. | 4 | ..... | 4 | 37 | 21 | Yes. | No. |
| 166 | New York (117-119 W. 125th st.). | Barnard School | ..... | 1886 | Non-sect. | 8 | 2 | 10 | 119 | 50 | Yes. | Yes. |
| 167 | New York | Berkeley School. | 1880 | 1880 | Non-sect. | 14 | 6 | 20 | 243 | 240 | Yes. | Yes. |
| 168 | New York (131 W. 43d st.). | Callison's School for Boys and Young Men. | 1868 | 1868 | Non-sect. | 5 | ..... | 5 | 70 | 35 | Yes. | Yes. |
| 169 | New York (423 Madison ave.). | Classical and English School. | 1868 | 1868 | ..... | 6 | 3 | 9 | 69 | 69 | ..... | Yes. |
| 170 | New York (721 Madison ave.). | The Collegiate School. | 1820 | 1820 | Non-sect. | 9 | 2 | 11 | 80 | 19 | Yes. | No. |
| 171 | New York (20 W. 43d st.). | Cutler's Private School for Boys | 1876 | 1876 | Non-sect. | 12 | 3 | 15 | 125 | 120 | Yes. | No. |

b Calisthenics.

a Renewed in 1855.

TABLE 5.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION A.—*Private schools for boys*—PART I—Continued.

| Location. | Name. | Principal | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | Has the school a gymnasium? | Is military drill employed? |
|-----------------------------------------------|-------------------------------------------|----------------------------|------------------|------------------|-------------------------|--------------|---------|--------|-----------|------------------------------------------------------------------------|-----------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Total. | Total preparing for college classical course or for scientific school. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| NEW YORK—continued. | | | | | | | | | | | | |
| 172 New York (1479-1485 Broadway). | Dwight School | Henry C. Miller... | 1880 | ..... | ..... | 7 | ..... | 7 | 74 | 61 | No.. | No. |
| 173 New York (20 W. 59th st.). | Gibbens and Beach School for Boys..... | Edwin A. Gibbens ..... | ..... | 1864 | ..... | 6 | ..... | 6 | 72 | 60 | Yes. | No. |
| 174 New York (34 W. 40th st.). | Halsey's Collegiate School for Boys | Wm. D. Halsey, PH. D. .... | ..... | 1875 | ..... | 10 | 1 | 11 | 96 | 65 | Yes. | Yes. |
| 175 New York (44-50 Second st.). | La Salle Academy | Brother Alfred | 1861 | 1842 | R. C. | 6 | ..... | 6 | 130 | 25 | Yes. | ..... |
| 176 New York (6 East 47th st.). | Lyon's Classical School | E. D. Lyon, PH. D. .... | ..... | 1881 | Non-sect.. | 6 | ..... | 6 | 30 | 23 | No.. | No. |
| 177 New York (West 155th st. and Tenth ave.). | MacMullen's Private School for Boys .. | John MacMullen ..... | ..... | 1850 | P. E. | 1 | 1 | 2 | 19 | 2 | Yes. | Yes. |
| 178 New York (1475 Broadway). | Richards' School for Boys..... | Wm. W. Richards ..... | ..... | 1877 | ..... | 3 | ..... | 3 | 14 | 12 | No.. | No. |
| 179 New York (38 W. 53th st.). | Sachs' Collegiate Institute | Dr. Julius Sachs ..... | ..... | 1872 | ..... | 15 | 2 | 17 | 198 | 37 | Yes. | No. |
| 180 New York (15 W. 43d st.). | St. Louis College | John P. Brophy..... | ..... | 1869 | R. C. | 13 | ..... | 13 | 75 | 4 | Yes. | Yes. |

| | | | M. M. Hobby | 1857 | Non-sect.. | 7 | 1 | 8 | 75 | 16 | No.. | No. |
|-----------------|----------------------------|----------------------------------------|--------------------------------------|------|------------|----|---|----|-----|----|------|------|
| 181 | New York (1473 Broadway), | University Grammar School | | | | | | | | | | |
| 182 | New York | West End School | Chester Donaldson, A. M. | 1887 | Non-sect.. | 4 | 1 | 5 | 31 | 20 | Yes | Yes. |
| 183 | New York (32 E. 46th st.) | Woodbridge School | J. Woodbridge Davis | 1882 | | 7 | 1 | 8 | 27 | 14 | Yes. | Yes. |
| 184 | Peckskill | Mohegan Lake School | Wallace C. Wilcox, A. M. | 1880 | Non-sect.. | 6 | 1 | 7 | 49 | 20 | Yes | Yes. |
| 185 | do | Peckskill Military Academy | J. N. Tilden | 1838 | | 11 | | 11 | 170 | 40 | Yes | Yes. |
| 186 | do | Worral Hall | C. J. Wright | 1887 | | 4 | 1 | 5 | 48 | | Yes | Yes. |
| 187 | Poughkeepsie | Rivortown Military Academy | Bisbee & Amen | 1833 | Non-sect.. | 13 | | 13 | 168 | 52 | Yes | Yes. |
| 188 | do | Dr. Warring's Boarding School | C. B. Warring, A. M., Phil. D. | 1863 | Non-sect.. | 5 | 1 | 6 | 33 | 11 | Yes | Yes. |
| 189 | Rochester (19 W. Main st.) | Male's Classical and Scientific School | Geo. D. Hale | 1871 | | 1 | | 1 | 17 | 11 | No.. | No. |
| 190 | Rochester | Wagner Memorial Lutheran College | J. Steinkaus, director | 1883 | Lutheran | 4 | 1 | 5 | 42 | | No.. | No. |
| 191 | Roslyn (L. I.) | The Bryant School | Ephraim Hinds, A. M. | 1888 | Non-sect.. | 3 | 3 | 6 | 60 | 8 | Yes | Yes. |
| 192 | Salom | St. Paul's Hall | Rev. John H. Houghton | 1885 | P. E. | 5 | 1 | 6 | 33 | 20 | Yes | No. |
| 193 | Saratoga Springs | Saratoga Institute | Rev. J. B. Yeates | 1882 | | 3 | | 3 | 30 | | No. | No. |
| 194 | Sing Sing | Holbrook's Military School | Rev. D. A. Holbrook, Phil. D. | 1865 | Non-sect.. | 6 | | 6 | 65 | 13 | Yes | Yes. |
| 195 | do | Male Pleasant Military School* | J. Howe Allen | 1830 | Non-sect.. | 10 | | 10 | 92 | 13 | | |
| 196 | do | St. John's School | Rev. J. B. Gibson, D. D. | 1869 | P. E. | 7 | | 7 | 43 | | Yes | Yes. |
| 197 | Suspension Bridge | De Vaux College | Reginald H. Coe | 1853 | P. E. | 5 | 1 | 6 | 67 | 10 | Yes | Yes. |
| 198 | Troy | Trinity School | Jas. Starr Clark, L. T. D. | 1837 | P. E. | 6 | | 3 | 60 | 22 | Yes | Yes. |
| 199 | do | Brother Alexander | Brother Alexander | 1883 | R. C. | 12 | | 12 | 300 | 65 | No. | Yes. |
| 200 | do | St. Mary's Commercial Academy | Carroll Lewis Maxey, Frank C. Barnes | 1834 | Non-sect.. | 5 | | 5 | 64 | 26 | No.. | Yes. |
| 201 | Westchester | Boys' Boarding School | B. T. Harrington, A. M. | 1849 | P. E. | 4 | 2 | 6 | 29 | 18 | Yes | No. |
| 202 | White Plains | Alexander Institute | Oliver E. Willis, Phil. D. | 1845 | Presb. | 6 | | 6 | 16 | 4 | Yes | Yes. |
| NORTH CAROLINA. | | | | | | | | | | | | |
| 203 | Asheville | Asheville Military Academy* | S. F. Venable | 1878 | R. C. | 2 | | 2 | 47 | 9 | | |
| 204 | Behniet | St. Mary's College | Rev. Julius Pohl, O. S. B. | 1886 | | 13 | | 13 | 30 | | | |
| 205 | Bingham School | Bingham School | R. Bingham | 1878 | R. C. | 6 | | 6 | 100 | 95 | Yes | Yes. |
| 206 | Clinton | Clinton Male Academy* | W. W. Brooks | 1864 | Non-sect.. | 1 | | 1 | 65 | | Yes | Yes. |
| 207 | Concord | Buckhorn Academy | Julien Henri Poot, Ph. D. | 1871 | Non-sect.. | 2 | | 2 | 59 | 6 | | |
| 208 | do | Concord Male High School* | James P. Cook | 1887 | Non-sect.. | 1 | | 1 | 20 | 6 | No.. | No. |
| 209 | Jackson | Jackson Male Academy | John W. Fleetwood | 1886 | Non-sect.. | 1 | | 1 | 65 | 10 | No. | No. |
| 210 | Mount Airy | Male Academy | R. H. Skeen | 1888 | Non-sect.. | 4 | | 4 | 78 | 30 | Yes | Yes. |
| 211 | Oxford | Horners School | T. J. Drawry | 1851 | Non-sect.. | 2 | | 2 | 101 | 44 | No. | No. |
| 212 | Raleigh | Raleigh Male Academy | Hugh Morson | 1878 | Non-sect.. | 2 | | 2 | 44 | 44 | No. | No. |
| 213 | Scotland Neck | Vine Hill Male Academy | W. C. Allen | 1804 | Non-sect.. | 1 | | 1 | 40 | 10 | | |
| 214 | Statesville | Male Academy* | J. H. Hill, A. M. | 1872 | Presb. | 2 | | 2 | 40 | | Yes | No. |
| 215 | Washington | A. H. Hamblin's School for Boys | A. H. Hamblin | 1888 | Non-sect.. | 1 | | 1 | 71 | 15 | No. | No. |
| 216 | Winington | Cape Fear Academy | Washington Catlett | 1867 | Non-sect.. | 2 | | 2 | 20 | 6 | No. | No. |
| 217 | do | English and Classical School | Rev. Daniel Morrell | 1859 | P. B. | 1 | | 1 | | | | |
| OHIO. | | | | | | | | | | | | |
| 218 | Cincinnati (6 W. 4th st.) | Collegiate School | | 1877 | Non-sect.. | 1 | | 1 | 10 | 4 | Yes | No. |
| 219 | Cincinnati | Franklin School | Joseph E. White | 1882 | | 3 | | 3 | 54 | 29 | | |

* Statistics of 1887-88.

TABLE 5.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION A.—Private schools for boys.—Part I—Continued.

| Location. | Name. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | Physical culture. | |
|------------------------|------------------------------------------------|--------------------------|------------------|------------------|-------------------------|--------------|---------|--------|-----------|--------|-----------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Total. | Total. | Has the school a gymnasium? | Is military drill employed? |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| OHIO—continued. | | | | | | | | | | | | |
| Cincinnati | Mt. Auburn Classical and English Boys' School. | Rev. J. C. Wyckoff. | | | Non-sect. | 2 | 3 | 5 | 31 | 13 | Yes. | Yes. |
| do | St. Francis Gymnasium | Rev. Ambrose, O. S. F. | | 1858 | R. C. | 8 | | 8 | 30 | | No. | No. |
| Cleveland (Sibley st.) | Brook's Military Academy * | A. H. Thompson | 1874 | 1874 | Non-sect. | 5 | 3 | 8 | 95 | 8 | | |
| Dayton | St. Mary's Institute | Rev. Joseph Weckesser | 1878 | 1850 | R. C. | 18 | | 18 | 260 | 0 | Yes. | No. |
| Gambier | Kenyon Military Academy | Lawrence Rust, rector | | 1833 | P. E. | 6 | | 6 | 98 | 59 | Yes. | Yes. |
| OREGON. | | | | | | | | | | | | |
| Portland | Bishop Scott Academy. | J. W. Hill, B. A., M. D. | | | P. E. | 12 | 4 | 16 | 156 | | | Yes. |
| do | St. Michael's College. | Brother Michael | | 1871 | R. C. | 4 | | 4 | 185 | 18 | | No. |
| PENNSYLVANIA. | | | | | | | | | | | | |
| Bethlehem | Preparatory School for Lehigh University.* | William Ulrich | | 1878 | Non-sect. | | 3 | | 45 | 45 | | |
| Bustleton | St. Luke's Boarding School for Boys. | Charles H. Strout | | 1863 | P. E. | 5 | 1 | 6 | 50 | 10 | Yes. | No. |
| Chambersburgh | Chambersburgh Academy | M. R. Alexander, A. M. | 1797 | 1797 | Presb. | 6 | | 6 | 67 | 60 | Yes. | No. |

TABLE 5.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION A.—Private schools for boys—Part I—Continued.

| Location. | Name. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | Physical culture. | |
|------------|-------------------|-----------------------------------|------------------|------------------|-------------------------|--------------|---------|--------|-----------|--------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Total. | Total preparing for college classical course or for scientific course in college or scientific school. | Has the school a gymnasium? | Is military drill employed? |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| TENNESSEE. | | | | | | | | | | | | |
| 261 | Bellmeade | Wabb's School ..... | ..... | 1886 | M. E. So. | 5 | ..... | 5 | 258 | 163 | No. | No. |
| 262 | Franklin | Battle Ground Academy ..... | ..... | 1889 | Non-sect. | 3 | 3 | ..... | 120 | 95 | No. | Yes. |
| 263 | Memphis | Wharton Stewart Jones ..... | ..... | ..... | ..... | 4 | 3 | 7 | 111 | 27 | ..... | Yes. |
| 264 | Nashville | S. M. D. Clark, A. M. .... | ..... | 1867 | Non-sect. | 6 | 2 | 8 | 137 | 15 | No. | No. |
| TEXAS. | | | | | | | | | | | | |
| 265 | Bolton | Belton Male Academy ..... | ..... | 1887 | ..... | 3 | 2 | 5 | 84 | 15 | No. | No. |
| 266 | Borham | Parham College ..... | ..... | 1883 | ..... | 4 | ..... | 4 | 180 | 72 | ..... | ..... |
| 267 | Brownsville | Rev. P. P. Parisot ..... | ..... | 1867 | R. C. | 4 | ..... | 4 | 50 | ..... | ..... | ..... |
| 268 | San Antonio | John Wolf, subdirector ..... | ..... | 1852 | R. C. | 16 | ..... | 16 | 350 | 21 | ..... | ..... |
| VERMONT. | | | | | | | | | | | | |
| 269 | Burlington | Vermont Episcopal Institute ..... | ..... | 1854 | P. E. | 5 | 2 | 7 | 59 | 13 | No. | Yes. |
| VIRGINIA. | | | | | | | | | | | | |
| 270 | Abingdon | Abingdon Male Academy ..... | ..... | 1803 | Non-sect. | ..... | ..... | ..... | 24 | ..... | ..... | ..... |

| 271 | Alexandria | Episcopal High School | 1854 | 1839 | P. E. | 5 | 87 | 87 | No. |
|-----------------------|-------------------------------|-----------------------------------------------------------|------|------|-----------|-------|-----|-----|------|
| 272 | do | Pennae Academy | 1869 | 1869 | ..... | 2 | 5 | 5 | Yes. |
| 273 | do | St. John's Academy | 1833 | 1833 | R. C. | 2 | 30 | 30 | No. |
| 274 | Arvonia | Seven Islands School | 1863 | 1863 | ..... | 1 | 10 | 10 | Yes. |
| 275 | Bellevue | Bellevue High School | 1866 | 1866 | Non-sect. | 3 | 51 | 51 | Yes. |
| 276 | Bethel Academy | Classical and Military Academy | 1869 | 1869 | ..... | 5 | 61 | 61 | Yes. |
| 277 | Charlottesville | Pantop's Academy | 1877 | 1877 | Non-sect. | 6 | 59 | 59 | No. |
| 278 | Culpeper C. H. | Virginia Midland Academy | 1886 | 1886 | Baptist | 3 | 65 | 65 | No. |
| 279 | Locust Dale | Locust Dale Academy | 1858 | 1858 | Non-sect. | 3 | 50 | 50 | No. |
| 280 | Markham | Cleveland High School | 1880 | 1880 | ..... | 3 | 23 | 23 | No. |
| 281 | Mitchell's Station | Mount Welcome High School | 1881 | 1881 | ..... | 2 | 14 | 14 | No. |
| 282 | Norfolk | Norfolk Academy | 1804 | 1804 | Non-sect. | 4 | 118 | 118 | No. |
| 283 | Petersburgh | University School | 1865 | 1865 | ..... | 5 | 98 | 98 | Yes. |
| 284 | Staunton | Staunton Male Academy | 1884 | 1884 | ..... | 2 | 101 | 101 | Yes. |
| 285 | Suffolk | Suffolk Military Academy | 1875 | 1875 | Non-sect. | 3 | 76 | 76 | No. |
| 286 | Waynesborough | Fishburn School | 1879 | 1879 | ..... | 4 | 63 | 63 | Yes. |
| WASHINGTON TERRITORY. | | | | | | | | | |
| 287 | Fort Colville | Colville Mission Industrial Boarding School | 1880 | 1880 | R. C. | 4 | 58 | 58 | No. |
| 288 | Tacoma | Washington College | 1887 | 1887 | P. E. | 6 | 56 | 56 | Yes. |
| 289 | Vancouver | St. James College | 1887 | 1887 | R. C. | 6 | 168 | 168 | No. |
| WEST VIRGINIA. | | | | | | | | | |
| 290 | Charlestown | Charlestown Male Academy | 1795 | 1795 | ..... | 2 | 46 | 46 | No. |
| WISCONSIN. | | | | | | | | | |
| 291 | Franklin | Mission House of the Reformed Church in the United States | 1868 | 1862 | Reformed | 7 | 73 | 73 | No. |
| 292 | Milwaukee | Concordia College | 1883 | 1881 | ..... | 6 | 122 | 122 | Yes. |
| 293 | do | Marquette College | 1864 | 1871 | R. C. | 14 | 222 | 222 | No. |
| 294 | Milwaukee (471 Van Buren st.) | Milwaukee Academy | 1864 | 1864 | Non-sect. | 2 | 76 | 76 | Yes. |
| 295 | Mount Calvary | St. Lawrence College | 1861 | 1861 | R. C. | 12 | 115 | 115 | No. |
| 296 | St. Francis | Catholic Normal School | 1871 | 1871 | R. C. | 6 | 84 | 84 | Yes. |
| 297 | Watertown | University of Our Lady of the Sacred Heart | 1873 | 1873 | R. C. | ..... | 50 | 50 | No. |

* Statistics 1887-88. a Renewed in 1888.

TABLE 5.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89.

DIVISION A.—*Private schools for boys.*—PART II.

| | Name. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----------------------|---------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| ALABAMA. | | | | | | | | | |
| 1 | High School for Boys | ----- | \$20-40 | \$1,500 | \$25,000 | ----- | ----- | 0 | ----- |
| 2 | Athens Male Academy | 0 | 20-50 | ----- | 5,000 | 0 | 0 | 0 | 0 |
| 3 | Marengo Military Institute. | 0 | 40 | 0 | 8,000 | 0 | 0 | 0 | 0 |
| 4 | Livingston Male Academy. | 300 | 20-50 | 150 | 10,000 | ----- | ----- | ----- | ----- |
| 5 | Marion Military Institute. | 500 | 50 | 200 | 60,000 | 0 | 0 | 0 | 0 |
| 6 | Towle's Institute for Boys. | 0 | 75-90 | 300 | 12,000 | 0 | 0 | 0 | ----- |
| 7 | University High School. | 500 | 46 | ----- | 15,000 | ----- | ----- | ----- | 0 |
| 8 | Alabama High School. | 400 | 50 | ----- | 10,000 | ----- | ----- | ----- | ----- |
| CALIFORNIA. | | | | | | | | | |
| 9 | Belmont School | 800 | 600 | 500 | 40,000 | 0 | 0 | 0 | 0 |
| 10 | Bowens Academy | ----- | 12 | ----- | 8,000 | ----- | ----- | ----- | ----- |
| 11 | McPherron Academy | ----- | 40-80 | ----- | 0 | 0 | 0 | 0 | 0 |
| 12 | Oak Mound School. | 150 | 40-60 | 150 | ----- | 0 | 0 | 0 | 0 |
| 13 | Hopkins Academy | 400 | 70-120 | 2,500 | 76,000 | \$30,000 | \$11,000 | ----- | ----- |
| 14 | Sackett School | ----- | 50-80 | ----- | ----- | ----- | ----- | ----- | ----- |
| 15 | Sacred Heart College | 2,500 | 40 | ----- | 75,000 | ----- | ----- | ----- | ----- |
| 16 | Urban School | 50 | 125 | ----- | 20,000 | ----- | ----- | ----- | ----- |
| 17 | Laurel Hall College | 500 | a400 | 3,000 | 40,000 | ----- | ----- | ----- | ----- |
| 18 | St. Matthew's Hall | 500 | a400-600 | 500 | ----- | ----- | ----- | ----- | ----- |
| COLORADO. | | | | | | | | | |
| 19 | College of the Sacred Heart. | 1,500 | 100 | 1,200 | 150,000 | 0 | 0 | 0 | 0 |
| 20 | St. John's College | 250 | a325 | ----- | 75,000 | ----- | ----- | ----- | 0 |
| CONNECTICUT. | | | | | | | | | |
| 21 | Black Hall School | ----- | a500 | 100 | 10,000 | ----- | ----- | ----- | ----- |
| 22 | Park Avenue Institute. | 1,000 | 60-100 | ----- | 25,000 | ----- | ----- | ----- | ----- |
| 23 | Curtis School for Boys | ----- | a500 | ----- | ----- | ----- | ----- | ----- | ----- |
| 24 | Episcopal Academy of Connecticut. | 1,000 | 37 | 0 | 30,000 | 0 | 0 | 0 | 0 |
| 25 | Rectory School | ----- | a325-375 | ----- | ----- | ----- | ----- | ----- | ----- |
| 26 | Wilson Grammar School | 350 | \$80-100 | ----- | \$15,000 | ----- | ----- | ----- | ----- |
| 27 | Elmwood School for Boys. | 500 | a500 | ----- | 20,000 | 0 | 0 | 0 | 0 |
| 28 | Hopkins Grammar School | 100 | 80 | 0 | ----- | ----- | ----- | ----- | ----- |
| 29 | Bulkeley School | 100 | 0 | ----- | 40,000 | 69,000 | ----- | 0 | 0 |
| 30 | Upson Seminary | 500 | a450 | ----- | ----- | ----- | ----- | ----- | ----- |
| 31 | Norwalk Military Institute. | 500 | 80 | \$100 | 25,000 | 0 | 0 | 0 | 0 |
| 32 | Bett's Military Academy. | ----- | 100 | ----- | 25,000 | ----- | ----- | ----- | ----- |
| 33 | School for Boys | 200 | 100-150 | 800 | 25,000 | ----- | ----- | ----- | ----- |
| 34 | "The Gunnery" | ----- | a500 | ----- | ----- | ----- | ----- | ----- | ----- |
| 35 | Wilton Boarding School | ----- | ----- | ----- | 8,000 | ----- | ----- | ----- | ----- |
| DISTRICT OF COLUMBIA. | | | | | | | | | |
| 36 | Linthicum Institute | ----- | 0 | 1,500 | 35,000 | 60,000 | \$3,500 | ----- | ----- |
| 37 | Arlington Academy | ----- | 80-100 | ----- | ----- | ----- | ----- | ----- | ----- |
| 38 | Columbian College Preparatory School. | 200 | 80 | 200 | 30,000 | ----- | ----- | ----- | ----- |
| 39 | Rittenhouse Academy | ----- | 100 | 150 | 5,000 | ----- | ----- | ----- | ----- |
| GEORGIA. | | | | | | | | | |
| 40 | Atlanta Baptist Seminary | 3,000 | 160 | ----- | 40,000 | ----- | ----- | ----- | \$13,800 |
| 41 | Academy of Richmond County. | 0 | 15 | 600 | 50,000 | 50,000 | 5,000 | \$1,600 | ----- |

a Includes board.

TABLE 5.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION A.—*Private schools for boys*—PART II—Continued.

| | Name. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-------------------|--------------------------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 42 | Hilliard Institute | 200 | \$12-18 | ..... | \$4, 000 | ..... | ..... | \$200 | ..... |
| 43 | Male High School ..... | ..... | 30 | ..... | 5, 000 | 0 | 0 | 175 | 0 |
| 44 | University High School* ..... | ..... | 54 | ..... | ..... | ..... | 0 | 0 | 0 |
| 45 | Marietta Male Academy ..... | ..... | 20-40 | \$100 | 2, 500 | ..... | ..... | ..... | ..... |
| 46 | Johnston Institute ..... | ..... | 50 | ..... | 2, 500 | 0 | 0 | ..... | 0 |
| 47 | Savannah Academy* | 90 | a300 | ..... | 8, 000 | 0 | 0 | 0 | 0 |
| 48 | Sacred Heart Seminary ..... | ..... | a120 | ..... | ..... | ..... | ..... | ..... | ..... |
| 49 | Male Academy | 0 | 40-80 | 0 | 2, 500 | 0 | 0 | 240 | 0 |
| ILLINOIS. | | | | | | | | | |
| 50 | German Evangelical Lutheran School ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 51 | Allen Academy | 2, 800 | 80-250 | ..... | ..... | ..... | ..... | ..... | ..... |
| 52 | German-American Academy | 700 | 40-100 | 500 | 20, 000 | ..... | ..... | ..... | ..... |
| 53 | The Harvard School ..... | ..... | 100-250 | 1, 000 | 20, 000 | 0 | 0 | 0 | 0 |
| 54 | University School ..... | ..... | 180 | 2, 500 | 20, 000 | ..... | ..... | ..... | ..... |
| 55 | Northwestern Military Academy | 160 | a400 | ..... | 40, 000 | ..... | ..... | ..... | ..... |
| 56 | Morgan Park Military Academy | 250 | a400 | 300 | 40, 000 | 0 | 0 | 0 | ..... |
| INDIANA. | | | | | | | | | |
| 57 | Classical School for Boys ..... | ..... | 60-100 | ..... | 8, 000 | ..... | ..... | ..... | ..... |
| INDIAN TERRITORY. | | | | | | | | | |
| 58 | Spencer Academy ..... | ..... | 0 | ..... | ..... | ..... | ..... | ..... | ..... |
| 59 | Cherokee National Male Seminary | 637 | 0 | 100 | 120, 000 | ..... | ..... | 13, 800 | ..... |
| IOWA. | | | | | | | | | |
| 60 | St. Joseph's College ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| KENTUCKY. | | | | | | | | | |
| 61 | Cecilian College | 2, 000 | a200 | 500 | 50, 000 | 0 | 0 | 0 | 0 |
| 62 | Rugby School | 300 | 50-100 | 200 | 4, 000 | 0 | 0 | 0 | 0 |
| 63 | Lancaster Male Seminary* ..... | ..... | 40 | ..... | 1, 500 | ..... | ..... | ..... | ..... |
| 64 | Alleghan Academy | 300 | 100 | ..... | 20, 000 | ..... | ..... | ..... | ..... |
| 65 | Louisville Military Academy | 1, 000 | 110 | ..... | 75, 000 | ..... | 0 | 0 | 0 |
| 66 | Louisville Rugby School | 350 | 85-135 | 1, 650 | 10, 000 | 0 | 0 | 0 | ..... |
| 67 | Shelbyville Male Academy | 900 | 50 | ..... | 3, 000 | ..... | ..... | ..... | ..... |
| LOUISIANA. | | | | | | | | | |
| 68 | Leche's Graded Institute | 300 | 90 | 1, 000 | 30, 000 | 0 | 0 | 0 | 0 |
| 69 | Orleans College | 0 | 50 | 0 | ..... | ..... | ..... | ..... | ..... |
| 70 | St. Isidore's College | 500 | 200 | 0 | 34, 000 | ..... | ..... | ..... | ..... |
| 71 | Select School for Boys | 0 | 90 | 0 | 8, 000 | 0 | 0 | 0 | ..... |
| 72 | Thibodeaux College ..... | ..... | 30-50 | 0 | 9, 000 | 0 | 0 | 0 | 0 |
| MAINE. | | | | | | | | | |
| 73 | Abbott Family School | 2, 500 | a250-300 | 6, 000 | 40, 000 | ..... | ..... | ..... | ..... |
| 74 | Portland Latin School and Forest City Military Academy ..... | ..... | 100 | ..... | 6, 000 | ..... | ..... | ..... | ..... |
| 75 | Franklin Family School | 500 | a300 | ..... | 4, 000 | ..... | ..... | ..... | ..... |

*Statistics of 1887-88.

a Includes board.

TABLE 5.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION A.—Private schools for boys.—PART II—Continued.

| | Name. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|---------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | MARYLAND. | | | | | | | | |
| 76 | Boys' School of St. Paul's Parish. | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 77 | The Gymnasium School... | | \$50-125 | ----- | ----- | ----- | ----- | ----- | ----- |
| 78 | Newton Academy..... | 300 | 60 | ----- | \$12,000 | ----- | ----- | ----- | ----- |
| 79 | School for Boys (870 Linden avenue). | ----- | 130-160 | 0 | 7,000 | 0 | 0 | 0 | 0 |
| 80 | University School for Boys. | ----- | 150 | \$500 | 15,000 | ----- | ----- | ----- | ----- |
| 81 | Wright's University School.* | ----- | 100 | 50 | 10,000 | ----- | ----- | 0 | 0 |
| 82 | Mt. St. Joseph's College.. | 5,000 | 40 | ----- | 65,000 | ----- | ----- | ----- | ----- |
| 83 | Overlea, Home School for Young Men. | ----- | 300 | ----- | 20,000 | ----- | ----- | ----- | ----- |
| 84 | Centreville Academy and High School. | ----- | 0 | 300 | 2,000 | ----- | ----- | \$600 | ----- |
| 85 | Charlotte Hall School.... | 5,000 | 30 | 600 | 30,000 | \$2,600 | 0 | 2,600 | 0 |
| 86 | College of St. James Grammar School. | 1,500 | a300 | ----- | 12,000 | ----- | ----- | 0 | ----- |
| 87 | West Nottingham Academy. | 200 | 30-40 | 50 | 7,000 | ----- | ----- | 500 | ----- |
| 88 | Maupin's University School. | 250 | 60-80 | 0 | 12,000 | ----- | ----- | 0 | 0 |
| 89 | Frederick College*..... | 2,000 | 25-60 | 75 | 10,000 | 0 | 0 | 800 | 0 |
| 90 | St. John's Literary Institution. | 650 | 10-40 | ----- | 20,000 | ----- | ----- | 400 | ----- |
| 91 | McDonogh Institute..... | 2,800 | 0 | 200 | 300,000 | 780,000 | \$43,000 | 0 | 0 |
| 92 | Rockville Academy..... | ----- | 30-50 | 0 | 5,000 | 18,000 | ----- | 800 | ----- |
| 93 | St. George's Hall..... | 800 | 230-275 | 4.0 | 20,000 | 0 | 0 | 0 | ----- |
| 94 | Upper Marlborough Academy. | 0 | 0 | 0 | 1,000 | ----- | ----- | 1,200 | 0 |
| | MASSACHUSETTS. | | | | | | | | |
| 95 | Phillips Academy..... | 55,000 | 60 | ----- | 57,000 | 236,000 | 12,000 | ----- | ----- |
| 96 | Mitchell's Boys' School... | ----- | a500 | ----- | 30,000 | 0 | 0 | 0 | 0 |
| 97 | Private School for Boys.. | 200 | 200 | 500 | 12,000 | 0 | 0 | 0 | 0 |
| 98 | Carleton's School for Young Men and Boys. | 500 | 125 | 50 | 10,000 | 0 | 0 | 0 | 0 |
| 99 | Day and Family School for Boys. | ----- | 150 | ----- | ----- | ----- | ----- | ----- | ----- |
| 100 | Powder Point School..... | 625 | a600 | 200 | 10,000 | 0 | 0 | 0 | 0 |
| 101 | Williston Seminary..... | 2,500 | 63 | 10,000 | 150,000 | 355,000 | 18,000 | 0 | 0 |
| 102 | Sedgwick Institute..... | 3,000 | a500 | ----- | 30,000 | ----- | ----- | ----- | ----- |
| 103 | Groton School..... | 600 | a530 | 100 | 110,000 | 0 | 0 | 0 | \$6,400 |
| 104 | Mt. Hermon School..... | 2,500 | a100 | ----- | 240,000 | 50,000 | ----- | ----- | ----- |
| 105 | E. H. Cutler's Preparatory School for Boys. | ----- | 150 | ----- | ----- | ----- | ----- | ----- | ----- |
| 106 | Allen Home School..... | 600 | 125 | 20 | 3,500 | ----- | ----- | ----- | ----- |
| 107 | Home School for Boys (Knapp's). | 2,000 | a600 | ----- | 15,000 | ----- | ----- | ----- | ----- |
| 108 | Classical and English School. | 400 | 200 | ----- | 5,000 | 0 | 0 | 0 | 0 |
| 109 | St. Mark's School..... | 1,500 | a500 | 150 | 15,000 | ----- | ----- | ----- | ----- |
| 110 | Greylock Institute*..... | 500 | 50 | 400 | 50,000 | 0 | 0 | 0 | 0 |
| 111 | Highland Military Academy. | 800 | a350 | 500 | 25,000 | ----- | ----- | ----- | ----- |
| 112 | Worcester Academy..... | 800 | 15-10 | 500 | 100,000 | 80,000 | 4,700 | 0 | 63,000 |
| | MICHIGAN. | | | | | | | | |
| 113 | Michigan Military Academy. | ----- | a350 | 600 | 150,000 | ----- | ----- | ----- | ----- |

* Statistics of 1887-88.

a Includes board.

TABLE 5.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION A.—Private schools for boys.—PART II—Continued.

| | Name. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|------------------------------------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | MINNESOTA. | | | | | | | | |
| 114 | Shattuck School..... | 1,500 | a\$400 | \$3,360 | \$300,000 | \$15,000 | \$1,050 | | \$50,000 |
| 115 | Evangelical Lutheran School. | 700 | 25 | | 40,000 | | | | |
| 116 | Sauk Centre Academy .. | | 35 | | 4,000 | | | | |
| | MISSISSIPPI. | | | | | | | | |
| 117 | Blue Mountain Male Academy. | 150 | 25 | 10 | 600 | | | \$280 | |
| 118 | Jefferson College*..... | 2,400 | 30 | 100 | 30,000 | 45,000 | 4,100 | | |
| | MISSOURI. | | | | | | | | |
| 119 | Kemper Family School... | 1,500 | 110 | 500 | 30,000 | 0 | 0 | 0 | 0 |
| 120 | St. Paul's College | | 20 | | 7,000 | | | | |
| 121 | Wentworth Male Academy. | 250 | 50 | 50 | 15,000 | 0 | 0 | 0 | 0 |
| 122 | St. James Military Academy. | | a300 | 400 | 20,000 | | | | |
| 123 | Educational Institute | 450 | 40-100 | 350 | 32,000 | 0 | 0 | 0 | 0 |
| 124 | Lutheran High School | | 40 | | | | | | |
| 125 | Smith Academy..... | 0 | 70-100 | 1,500 | 75,000 | 0 | | 0 | 0 |
| | NEW HAMPSHIRE. | | | | | | | | |
| 126 | St. Paul's School | 6,000 | a500 | 1,000 | 275,000 | 80,000 | | 0 | 0 |
| 127 | Phillips Exeter Academy. | 1,500 | 66 | 600 | 163,186 | 406,697 | 25,000 | 0 | 20,000 |
| | NEW JERSEY. | | | | | | | | |
| 128 | Academic Department of the German Theological School, of Newark, N. J. | 3,800 | 0 | 500 | 20,000 | 33,000 | | 0 | 5,000 |
| 129 | Adelphic Institute..... | | | | | | | | |
| 130 | Bordentown Military Institute. | 500 | a275-325 | | 13,000 | | | | |
| 131 | West Jersey Academy... | 200 | 45 | 100 | 30,000 | 0 | 0 | 0 | |
| 132 | English and Classical School. | | 106 | | | | | | |
| 133 | Phillips' School | 0 | 150-200 | | | | | | |
| 134 | Stevens School | | 75-150 | 1,000 | 50,000 | 0 | 0 | 0 | |
| 135 | Courtland School | 3,000 | | | 20,000 | | | | |
| 136 | Lawrenceville School | 2,000 | 100 | 1,500 | 800,000 | | | | |
| 137 | Morris Academy | | 110-150 | 400 | | | | | |
| 138 | Mt. Holly Academy | 500 | 40-60 | | 10,000 | 0 | 0 | 0 | 0 |
| 139 | Newark Academy | 200 | 60-120 | 2,000 | 75,000 | 18,000 | 2,000 | | |
| 140 | Rutgers College Grammar School. | 300 | 36-72 | 1,000 | 50,000 | | | | |
| 141 | The Paterson Classical and Scientific School. | | 80-100 | | 12,000 | | | | |
| 142 | Mr. Leal's School | | 100 | 300 | 6,000 | 0 | 0 | 0 | 0 |
| 143 | Preparatory School | | 100 | | 16,000 | | | | |
| 144 | Summit Academy..... | 200 | 110 | 100 | 10,000 | 0 | 0 | 0 | 0 |
| | NEW MEXICO. | | | | | | | | |
| 145 | St. Mary's College..... | 17 | 20 | 150 | 2,500 | | | | |
| 146 | St. Michael's College | | 20-30 | | 40,000 | | | | |

* Statistics of 1887-88.

a Includes board.

TABLE 5.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION A.—*Private schools for boys.*—PART II—Continued.

| | Name. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|----------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | NEW YORK. | | | | | | | | |
| 147 | The Albany Academy.... | 500 | \$40-100 | \$1,000 | \$90,000 | \$18,000 | \$900 | 0 | 0 |
| 148 | Christian Brothers' Academy. | 426 | 40 | 900 | 80,000 | | | | |
| 149 | Astoria Latin School | | 75 | | | | | | |
| 150 | Brooklyn Latin School | | 125-225 | | | | | | |
| 151 | College Grammar School | 200 | 15-40 | 400 | | 0 | 0 | 0 | 0 |
| 152 | English, Classical, and Mathematical School. | | 60-150 | | | | | | |
| 153 | Heathcote School | 0 | 50-150 | 100 | 35,000 | | | | |
| 154 | Canandaigua Academy | 1,200 | 40 | 3,000 | 25,000 | 15,000 | 900 | \$400 | |
| 155 | Clinton Grammar School | 275 | 20-48 | 275 | 5,600 | | | 112 | |
| 156 | Kirkland Hall | 1,000 | 25-60 | 150 | 10,000 | | | 0 | 0 |
| 157 | Cornwall Heights School | 200 | a500 | 50 | 18,000 | | | | |
| 158 | Westminster School | | 200 | | | | | | |
| 159 | Flushing Institute | 1,339 | 60 | | | | | | |
| 160 | St. Paul's Cathedral School. | 1,200 | a500 | 700 | 800,000 | 0 | 0 | 0 | 0 |
| 161 | Colgate Academy | 1,400 | 36 | 2,600 | 60,000 | 55,000 | 3,300 | 218 | \$793 |
| 162 | St. John's Military School | 395 | 50 | 1,600 | 130,000 | | | | |
| 163 | St. Austin's School | | a500 | | 200,000 | | | | |
| 164 | Trinity School for Boys | 2,200 | 100-120 | 2,000 | 22,400 | 0 | 0 | 0 | 0 |
| 165 | Siglar's Preparatory School. | 475 | 100 | | 30,000 | | | | |
| 166 | Barnard School | 1,000 | 80-250 | 500 | 60,000 | | | | |
| 167 | Berkeley School | 600 | 300 | 1,000 | 250,000 | | | | |
| 168 | Callisen's School for Boys and Young Men. | 250 | 200 | 500 | | | | | |
| 169 | Classical and English School. | | | | | | | | |
| 170 | The Collegiate School | | 80-260 | | | | | | |
| 171 | Cutler's Private School for Boys. | 250 | 250-400 | | | | | | |
| 172 | Dwight School | | 100-250 | | | | | 0 | 0 |
| 173 | Gibbens and Beach School for Boys. | 450 | a200 | | 75,000 | | | | |
| 174 | Halsey's Collegiate School for Boys. | | 100-300 | | | | | | |
| 175 | La Salle Academy | 3,000 | 40 | | 100,000 | 0 | 0 | 0 | |
| 176 | Lyon's Classical School | 100 | 150-300 | | | | | | |
| 177 | McMullen's Private School for Boys. | 500 | 100-240 | 0 | 0 | 0 | 0 | 0 | 0 |
| 178 | Richard's School for Boys. | | | | | | | | |
| 179 | Sach's Collegiate Institute. | 400 | 195 | 800 | | | | | |
| 180 | St. Louis College | 4,000 | 100-250 | | | | | | |
| 181 | University Grammar School. | | | | | | | | |
| 182 | West End School | | 100-300 | 100 | 45,000 | | | | |
| 183 | Woodbridge School | 350 | 75-300 | 300 | | | | | |
| 184 | Pehegan Lake School | 300 | 80 | 100 | 15,000 | 0 | 0 | 0 | 0 |
| 185 | Pekskill Military Academy. | 2,000 | 100 | 2,500 | 40,000 | | | | |
| 186 | Worrall Hall | 800 | a400 | 1,000 | 25,000 | 0 | 0 | 0 | 0 |
| 187 | Riverview Military Academy. | 500 | 75-125 | 500 | 85,000 | | | | |
| 188 | Dr. Warring's Boarding School. | 500 | a400 | 250 | 37,500 | | | | |
| 189 | Hale's Classical and Scientific School. | | 200 | | | | | | |
| 190 | Wagner Memorial Lutheran College. | 300 | 32 | | 40,000 | | 4,000 | | |
| 191 | The Bryant School | 500 | a600 | 150 | 75,000 | 0 | 0 | 0 | 0 |
| 192 | St. Paul's Hall | 250 | 400 | 100 | 20,000 | 0 | 0 | 0 | 0 |

a Includes board.

TABLE 5.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION A.—Private schools for boys.—PART II—Continued.

| | Name. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|----------------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | NEW YORK—continued. | | | | | | | | |
| 193 | Saratoga Institute..... | 200 | \$65 | \$50 | \$40,000 | — | — | 0 | — |
| 194 | Holbrook's Military School..... | 600 | a500 | 300 | 20,000 | 0 | 0 | 0 | — |
| 195 | Mt. Pleasant Military School.* | 11,984 | 125 | 1,200 | 100,000 | — | — | — | — |
| 196 | St. John's School..... | 1,000 | 600 | — | 75,000 | — | — | — | — |
| 197 | De Veaux College..... | 1,500 | 50 | — | 400,000 | \$125,000 | — | 0 | — |
| 198 | Trinity School..... | 400 | — | 250 | 50,000 | — | — | — | — |
| 199 | St. Mary's Commercial Academy..... | 3,000 | 40 | 800 | 30,000 | — | — | 0 | — |
| 200 | Troy Academy..... | 597 | 50-84 | 261 | 16,000 | 0 | 0 | \$62 | 0 |
| 201 | Boy's Boarding School.. | 1,200 | 160 | — | 30,000 | 0 | 0 | 0 | 0 |
| 202 | Alexander Institute..... | 2,000 | 100 | 1,000 | 25,000 | 0 | 0 | 0 | 0 |
| | NORTH CAROLINA. | | | | | | | | |
| 203 | Asheville Military Academy.* | — | 60 | — | 5,000 | — | — | — | — |
| 204 | St. Mary's College..... | 2,000 | a200 | 1,000 | — | — | — | — | — |
| 205 | Bingham School..... | — | 100 | — | 25,000 | 0 | 0 | 0 | 0 |
| 206 | Clinton Male Academy*.. | — | 30 | — | 1,000 | — | — | — | — |
| 207 | Buckhorn Academy..... | 1,500 | 30 | — | 500 | — | — | — | — |
| 208 | Concord Male High School.* | 100 | 12-35 | — | 1,500 | — | — | — | — |
| 209 | Jackson Male Academy.. | — | 15-40 | 0 | 800 | — | — | 0 | 0 |
| 210 | Male Academy..... | — | 20 | — | 1,800 | — | — | — | — |
| 211 | Horner School..... | 2,000 | 70 | — | 25,000 | — | — | — | — |
| 212 | Raleigh Male Academy.. | — | 50 | — | 5,000 | 0 | 0 | 0 | 0 |
| 213 | Vine Hill Male Academy | 0 | 30 | 6 | 5,000 | — | — | — | — |
| 214 | Male Academy*..... | — | 25-40 | — | 2,500 | — | — | — | — |
| 215 | A. H. Hamblin's School for Boys..... | — | 24 | — | — | — | — | — | — |
| 216 | Cape Fear Academy..... | 100 | 36-56 | 125 | — | — | — | — | — |
| 217 | English and Classical School..... | 2,000 | 50-100 | 300 | 5,000 | — | — | — | — |
| | OHIO. | | | | | | | | |
| 218 | Collegiate School..... | — | 100-150 | — | — | — | — | — | — |
| 219 | Franklin School..... | 200 | 160 | 200 | 13,000 | — | — | — | — |
| 220 | Mt. Auburn Classical and English Boys' School..... | 300 | 70-180 | — | 10,000 | — | — | — | — |
| 221 | St. Francis Gymnasium.. | — | 30 | 200 | 9,000 | — | — | — | — |
| 222 | Brook's Military Academy.* | 300 | 100-150 | — | 28,000 | 0 | 0 | 0 | \$125 1,000 |
| 223 | St. Mary's Institute..... | 3,000 | 180 | 1,500 | — | 0 | 0 | 0 | 0 |
| 224 | Kenyon Military Academy..... | — | a400 | 500 | — | — | — | — | — |
| | OREGON. | | | | | | | | |
| 225 | Bishop Scott Academy... | 1,000 | 40-60 | — | 150,000 | 10,000 | — | — | — |
| 226 | St. Michael's College..... | — | — | 200 | 20,000 | — | — | 0 | 0 |
| | PENNSYLVANIA. | | | | | | | | |
| 227 | Preparatory School for Lehigh University.* | — | — | — | — | — | — | — | — |
| 228 | St. Luke's Boarding School for Boys..... | 500 | a425 | — | 35,000 | — | — | — | — |
| 229 | Chambersburgh Academy | 700 | 60 | 150 | 20,000 | — | — | — | — |
| 230 | Darby Friends' School..... | — | 24-30 | 50 | 4,000 | 11,000 | \$500 | — | — |
| 231 | Home Boarding School .. | — | 30 | — | 6,000 | — | — | — | — |

* Statistics of 1887-88.

a Includes board

TABLE 5.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION A.—Private schools for boys.—PART II—Continued.

| | Name. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive fund. | Income for the year from productive fund. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|---------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|--------------------------------------|-------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | PENNSYLVANIA—continued. | | | | | | | | |
| 232 | Franklin School for Boys | 1,000 | \$100-125 | \$200 | \$75,000 | ----- | ----- | ----- | ----- |
| 233 | Germantown Academy | 700 | 75-125 | 500 | 100,000 | ----- | ----- | ----- | ----- |
| 234 | The Yeates Institute | ----- | 25-60 | 100 | 15,000 | \$45,000 | \$2,455 | ----- | ----- |
| 235 | Shortlidge's Academy for Boys. | ----- | a500 | 5,000 | 80,000 | ----- | ----- | ----- | ----- |
| 236 | Nazareth Hall | 5,000 | a295 | 2,000 | 20,000 | ----- | ----- | ----- | ----- |
| 237 | St. Mary's College | 4,300 | 200 | 0 | 15,238 | 0 | 0 | 0 | 0 |
| 238 | Cheltenham Academy | 300 | 150 | 100 | 60,000 | ----- | ----- | ----- | ----- |
| 239 | Academy of the Protestant Episcopal Church. | 500 | 100-150 | ----- | ----- | ----- | ----- | ----- | ----- |
| 240 | Broad Street Academy | 1,000 | 250 | 1,000 | ----- | 0 | 0 | 0 | 0 |
| 241 | Friends' Select School | 12,000 | 70 | 1,000 | ----- | ----- | ----- | ----- | ----- |
| 242 | Girard College | 10,460 | 50 | 4,000 | 3,160,000 | 11,121,955 | 944,560 | ----- | ----- |
| 243 | Martin's School for Boys. | ----- | 150 | ----- | ----- | ----- | ----- | ----- | ----- |
| 244 | North Broad Street Select School. | 450 | 60-160 | 6,000 | ----- | ----- | ----- | ----- | ----- |
| 245 | Rittenhouse Academy | ----- | 100 | 500 | ----- | 0 | 0 | 0 | 0 |
| 246 | Rugby Academy | ----- | 125 | 1,000 | 30,000 | ----- | ----- | ----- | ----- |
| 247 | William Penn Charter School. | 600 | 100-200 | 1,000 | 120,000 | ----- | ----- | ----- | ----- |
| 248 | Selwyn Hall | 600 | 90 | ----- | 45,000 | 0 | 0 | 0 | 0 |
| 249 | Trinity Hall | 1,000 | a400 | ----- | 125,000 | 0 | 0 | 0 | 0 |
| 250 | Hamilton School | ----- | 40-150 | ----- | ----- | ----- | ----- | ----- | ----- |
| 251 | Harry Hiltman Academy | ----- | 100 | ----- | 50,000 | ----- | ----- | ----- | ----- |
| | RHODE ISLAND. | | | | | | | | |
| 252 | English and Classical School. | 1,100 | 60-125 | 6,000 | 100,000 | ----- | ----- | ----- | ----- |
| 253 | La Salle Academy | 500 | 30 | ----- | 50,000 | ----- | ----- | ----- | ----- |
| 254 | University Grammar School. | 0 | 80-125 | ----- | ----- | ----- | ----- | ----- | ----- |
| | SOUTH CAROLINA. | | | | | | | | |
| 255 | Patrick Military Institute. | ----- | 50 | ----- | ----- | 0 | ----- | ----- | ----- |
| 256 | High School of Charleston. | 100 | 40 | 500 | 15,000 | ----- | ----- | \$4,000 | ----- |
| 257 | University School | ----- | 80-125 | ----- | ----- | 0 | 0 | 0 | 0 |
| 258 | Clarkson's Classical and English School. | ----- | 80-100 | ----- | ----- | 0 | 0 | 0 | 0 |
| 259 | Reidville Male High School. | 200 | 25-40 | ----- | 2,500 | 0 | 0 | 0 | 0 |
| 260 | Male High School | ----- | 30 | ----- | 1,000 | 0 | 0 | 0 | 0 |
| | TENNESSEE. | | | | | | | | |
| 261 | Webb School | 1,570 | 75 | 0 | 5,000 | 0 | 0 | 0 | 0 |
| 262 | Battle Ground Academy | 400 | 56 | 600 | 8,000 | ----- | ----- | ----- | ----- |
| 263 | Memphis Institute | ----- | 40-70 | ----- | 15,000 | ----- | ----- | ----- | ----- |
| 264 | Montgomery Bell Academy. | 300 | 50-80 | 500 | 20,000 | 50,000 | 3,000 | 0 | 0 |
| | TEXAS. | | | | | | | | |
| 265 | Belton Male Academy | ----- | 32-52 | 100 | ----- | ----- | ----- | ----- | ----- |
| 266 | Farnum College | ----- | 20-50 | 225 | 10,000 | ----- | ----- | ----- | ----- |
| 267 | St. Joseph's College* | ----- | 2 | ----- | 25,000 | ----- | ----- | ----- | \$1,000 |
| 268 | St. Mary's College | 1,800 | 15 | 4,000 | 60,000 | ----- | ----- | ----- | ----- |
| | VERMONT. | | | | | | | | |
| 269 | Vermont Episcopal Institute. | 400 | a350 | 200 | 40,000 | ----- | ----- | ----- | ----- |

*Statistics of 1887-88.

a Includes board.

TABLE 5.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1883-89—Continued.

DIVISION A.—Private schools for boys.—PART II—Continued.

| | Name. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|----------------------------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | VIRGINIA. | | | | | | | | |
| 270 | Abingdon Male Academy..... | | \$50-70 | | \$12,500 | | | | |
| 271 | Episcopal High School..... | | 90 | | 20,000 | | | | |
| 272 | Potomac Academy..... | | 50-90 | \$125 | 5,200 | | | | |
| 273 | St. John's Academy..... | 1,000 | 40 | \$300 | 10,000 | 0 | 0 | 0 | 0 |
| 274 | Seven Islands School..... | 1,000 | 40 | | 5,000 | | | | |
| 275 | Bellvue High School..... | 3,000 | a350 | 0 | 25,000 | | | | |
| 276 | Classical and Military Academy..... | 1,000 | 200 | 200 | 25,000 | \$25,000 | \$2,500 | 0 | 0 |
| 277 | Pantops Academy..... | 2,500 | 60 | | 30,000 | | | 0 | |
| 278 | Virginia Midland Academy..... | 100 | 50 | 200 | 10,000 | 2,000 | | | |
| 279 | Locust Dale Academy.... | 200 | 50 | 150 | 6,000 | | | 0 | 0 |
| 280 | Cleveland High School... | 50 | 50 | | 6,000 | | | | |
| 281 | Mt. Welcome High School..... | 400 | 75 | 15 | 4,000 | | | | |
| 282 | Norfolk Academy..... | 0 | 60 | 0 | 75,000 | 0 | 0 | 0 | 0 |
| 283 | University School..... | 5,000 | 80 | | 1,200 | | | | |
| 284 | Staunton Male Academy..... | 300 | 75 | 1,000 | 20,000 | 0 | 0 | 0 | 0 |
| 285 | Suffolk Military Academy..... | 0 | 40-60 | 300 | 8,000 | | | | |
| 286 | Fishburne School..... | 500 | 50 | 100 | 12,000 | | | | |
| | WASHINGTON TERRITORY. | | | | | | | | |
| 287 | Colville Mission Industrial Boarding School..... | 1,200 | | | 8,000 | 5,000 | 1,000 | \$5,400 | |
| 288 | Washington College..... | 500 | 40-60 | 200 | 100,000 | 50,000 | 3,000 | 0 | \$65 |
| 289 | St. James' College..... | 300 | 15-30 | 0 | 10,000 | 0 | 0 | 0 | 5 |
| | WEST VIRGINIA. | | | | | | | | |
| 290 | Charlestown Male Academy..... | 0 | a260 | | | | | | |
| | WISCONSIN. | | | | | | | | |
| 291 | Mission House of the Reformed Church in the United States..... | 4,700 | 20 | | 35,000 | 830 | | | 19,918 |
| 292 | Concordia College..... | 600 | | | 75,000 | | | | |
| 293 | Marquette College..... | 3,000 | 60 | 3,500 | 100,000 | 0 | 0 | 0 | |
| 294 | Milwaukee Academy..... | 400 | 50-120 | 300 | 25,000 | 0 | 0 | 0 | 0 |
| 295 | St. Lawrence College..... | 2,500 | 30 | 300 | 42,000 | | | 0 | 0 |
| 296 | Catholic Normal School..... | 500 | 40 | | 60,000 | | | | |
| 297 | University of our Lady of the Sacred Heart..... | 1,560 | 200 | | | | | | |

a Includes board.

TABLE 6.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89.

DIVISION B.—Private schools for girls.—PART I.

| Location. | Name. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | Has the school a gymnasium? | Is military drill employed? |
|-------------------------------------------------|-----------------------------------------------|-----------------------------------|------------------|------------------|-------------------------|--------------|---------|--------|-----------|------------------------------------------------------------------------------------|-----------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Total. | Total preparing for col- lege classical course, or for scientific school. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| ALABAMA. | | | | | | | | | | | | |
| 1 Demopolis | Marengo Institute | G. F. Mellen, A. M. | 1843 | 1844 | Non-sect.. | 1 | 8 | 9 | 110 | ..... | No.. | (a) |
| 2 Greenville | South Alabama Female Institute | J. B. Little, president | 1873 | ..... | Baptist .. | 2 | 5 | 7 | 175 | ..... | No.. | No. |
| 3 Tusculum | Desbler Female Institute | S. F. Rice | 1870 | 1872 | Non-sect.. | 1 | 4 | 5 | 60 | ..... | No.. | No. |
| ARKANSAS. | | | | | | | | | | | | |
| 4 Little Rock (800 Cumber- land st.) | Arkansas Female College | Myra C. Warner | 1874 | 1874 | Non-sect.. | 2 | 7 | 9 | 130 | 5 | No.. | No. |
| CALIFORNIA. | | | | | | | | | | | | |
| 5 Benicia | Saint Catherine's Academy | Sister Superior ..... | ..... | 1850 | R. C | 0 | 15 | 15 | 100 | ..... | Yes. | No. |
| 6 Marysville | College of Notre Dame | Sister Marie Aleine | 1869 | 1856 | R. C | 0 | 9 | 9 | 129 | 20 | No.. | No. |
| 7 Oakland | Convent of Our Lady of the Sacred Heart | Sisters of the Holy Names | 1880 | 1868 | R. C | 2 | 20 | 22 | 155 | ..... | Yes. | No. |
| 8 Oakland (1825 Telegraph ave.) | Field Seminary | Mrs. R. G. Knox | 1872 | 1872 | Non-sect.. | 6 | 15 | 21 | 154 | 16 | Yes | No. |
| 9 Oakland | Snell Seminary | R. B. Snell, A. M ..... | ..... | 1878 | Non-sect.. | 4 | 9 | 13 | 175 | 20 | Yes | No. |
| 10 Sacramento | St. Joseph's Academy | Sister Mary | 1857 | 1857 | R. C | 0 | 10 | 10 | 30 | ..... | No.. | No. |
| 11 San Francisco (1036 Va- lencia st.) | Irving Institute | Rev. Edward B. Church, A. M. .... | ..... | 1877 | P. E | 6 | 12 | 18 | 146 | 4 | No.. | No. |
| 12 San Francisco (922 Post st.) | Miss Lake's School | Miss Mary Lake | 1863 | 1862 | P. E | 3 | 17 | 20 | 105 | 1 | Yes. | No. |
| 13 San Francisco (1606 Van Ness ave.) | School for Girls | Miss Mary B. West ..... | ..... | 1872 | Non-sect.. | 1 | 13 | 14 | 155 | 3 | No.. | No. |
| 14 San José (Wilson ave.) | Home Seminary | Miss S. Baker | 1881 | 1881 | Non-sect.. | ..... | 2 | 2 | 28 | 6 | No.. | No. |

TABLE 6.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION B.—Private schools for girls—PART I—Continued.

| Location. | Name. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | | Has the school a gymnasium? | Is military drill employed? |
|----------------------------------------|---------------------------------------------------|--------------------------------------------------------|------------------|------------------|-------------------------|--------------|---------|--------|-----------|------------------------------------------------------------------------------------|-------|-----------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Total. | Total preparing for col- lege classical course, or for scientific school. | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | |
| ILLINOIS. | | | | | | | | | | | | | |
| Chicago (2141 Calumet ave.). | Dearborn Seminary..... | Zaings Grove..... | 1856 | 1856 | Non-sect.. | 2 | 10 | 12 | 94 | ..... | No.. | No. | |
| Chicago (479 Dearborn ave.). | Girls' Higher School | Miss R. S. Rice, A. M., and Miss M. E. Beedy, A. M. | ..... | 1876 | Non-sect.. | ..... | 13 | 13 | 103 | 16 | (a) | No. | |
| Chicago (249 Dearborn ave.). | Grant Collegiate Institute..... | Miss M. A. Mineah, A. M..... | ..... | 1869 | Non-sect.. | 3 | 15 | 18 | 135 | 13 | Yes. | (a) | |
| Chicago (275 Huron st.)... | Kirkland School..... | Miss Elizabeth S. Kirkland..... | ..... | 1875 | Non-sect.. | 1 | 15 | 16 | 180 | 2 | Yes. | Yes. | |
| Chicago (2535 Prairie ave.). | The Loring School | Mrs. S. D. Loring ..... | ..... | 1876 | Non-sect.. | 4 | 17 | 21 | 169 | ..... | Yes. | (a) | |
| Chicago (Wabash ave. and 29th st.). | St. Xavier's Academy..... | Sister Mary Genevieve..... | 1847 | 1846 | R. C..... | ..... | 21 | 21 | 250 | ..... | ..... | ..... |  |
| Godfrey..... | Monticello Female Seminary..... | Miss Harriet Nowell Haskell..... | 1840 | 1838 | Non-sect.. | ..... | 16 | 16 | 109 | 109 | Yes. | No. | |
| Joliet..... | St. Francis Academy..... | Sister M. Stanislaus Droessler..... | 1874 | 1870 | R. C..... | 2 | 6 | 8 | 54 | ..... | No.. | No. | |
| Kankakee..... | St. Joseph's Seminary..... | Sister S. Zephyrine, superior- ess..... | 1874 | 1865 | R. C..... | ..... | 11 | 11 | 300 | 25 | ..... | ..... |  |
| Ottawa..... | St. Francis Xavier's Academy | Sisters of Mercy..... | 1867 | 1859 | R. C..... | 0 | 8 | 8 | 200 | 40 | No.. | No. | |
| Springfield..... | St. Agatha's School | D. Murdoch..... | 1881 | 1881 | P. E..... | 2 | 5 | 7 | 85 | 21 | No.. | No. | |
| Washington Heights..... | Institute of Our Lady of the Sacred Heart..... | Mother Pacifica..... | 1887 | 1875 | R. C..... | ..... | 13 | 13 | 94 | ..... | ..... | (a) | |
| INDIANA. | | | | | | | | | | | | | |
| Fort Wayne..... | St. Augustine's Academy | Sisters of Providence ..... | ..... | 1845 | R. C..... | ..... | 12 | 12 | 365 | 6 | No.. | No. | |
| do..... | Westminster Seminary..... | Mrs. D. B. Wells..... | ..... | 1883 | Presb..... | ..... | 8 | 8 | 62 | 13 | No.. | (a) | |
| Indianapolis..... | Classical School for Girls..... | Theodore L. Sewell, A. M..... | ..... | 1882 | Non-sect.. | 2 | 15 | 17 | 185 | ..... | Yes. | No. | |
| do..... | Indianapolis Institute..... | James Lyon..... | ..... | 1886 | P. E..... | 4 | 8 | 12 | 70 | ..... | ..... | (a) | |
| do..... | St. John's Academy..... | Sisters of Providence ..... | ..... | 1859 | R. C..... | ..... | 19 | 19 | 294 | ..... | No.. | (a) | |

TABLE 6.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.
DIVISION B.—*Private school for girls.*—PART I—Continued.

| Location. | Name. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | Students. | | Is military drill employed? | Has the school a gymnasium? | |
|----------------------------------------|--------------------------------------------|----------------------------------------|------------------|------------------|-------------------------|--------------|---------|-----------|--------|-----------------------------|-----------------------------|-------------------------------------------------------------------------|
| | | | | | | Male. | Female. | Total. | Total. | | | Total preparing for college classical course, or for scientific school. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| MARYLAND—continued. | | | | | | | | | | | | |
| 87 St. Mary's City | St. Mary's Seminary | Miss A. E. Thomas | 1844 | 1845 | Non-sect. | 2 | 3 | 5 | 27 | ..... | Yes. | No. |
| 88 Sandy Spring | Rockland School for Girls | Henry C. Hallowell ..... | ..... | 1878 | Non-sect. | 2 | 5 | 7 | 46 | ..... | Yes. | No. |
| MASSACHUSETTS. | | | | | | | | | | | | |
| 89 Amherst | Home School for Girls | Mrs. W. T. Stearns ..... | ..... | 1876 | Non-sect. | 1 | 5 | 6 | 16 | 1 | ..... | No. |
| 90 Auburnville | Riverside Home and Day School | Miss Della T. Smith ..... | ..... | 1882 | Non-sect. | ..... | 7 | 7 | 21 | 18 | ..... | No. |
| 91 Boston (Berkeley st.) | Academy of Notre Dame | Sister Mary Bernardine, S. M. D. | 1865 | 1863 | R. C. | ..... | 11 | 11 | 140 | ..... | ..... | No. |
| 92 Boston (Chester Square) | Academy of the Sacred Heart | S. T. Randall | 1885 | 1880 | R. C. | ..... | 9 | 9 | 80 | 12 | No. | No. |
| 93 Boston (68 Chester Square) | Home and Day School | Mary E. C. Hayes ..... | ..... | 1872 | Non-sect. | 2 | 5 | 7 | 27 | 7 | (a) | No. |
| 94 Boston (21 Marlboro st.) | Home and Day School for Girls | Selma Wesselhoft ..... | ..... | 1877 | Non-sect. | ..... | 8 | 8 | 49 | 5 | No. | No. |
| 95 Boston (18 Newbury st.) | Home and Day School for Young Ladies | Miss Abby H. Johnson ..... | ..... | 1875 | Non-sect. | 2 | 9 | 11 | 43 | 3 | Yes. | No. |
| 96 Boston (9 Lothrop Square) | Miss Ireland's School | Catharine Jones Ireland ..... | ..... | 1872 | ..... | 3 | 7 | 10 | 56 | ..... | Yes. | ..... |
| 97 Boston (233 Marlboro st.) | Sears's School for Girls | Edmund H. Sears ..... | ..... | 1885 | ..... | 2 | 4 | 6 | 28 | ..... | No. | No. |
| 98 Boston (112 Newbury st.) | School for Girls | Miss M. L. Hubbard ..... | ..... | 1870 | ..... | ..... | 7 | 7 | 23 | ..... | No. | No. |
| 99 Cambridge (20 Mason st.) | The Cambridge School | Arthur Gillman, director | 1886 | 1886 | Non-sect. | ..... | 10 | 10 | 67 | 67 | Yes. | No. |
| 100 Conway | Mrs. H. D. Perry's Family School | Mrs. H. D. Perry ..... | ..... | 1875 | Non-sect. | ..... | 2 | 2 | 16 | 12 | ..... | No. |
| 101 Danvers | The Willard Home School | Mrs. H. M. Merrill ..... | ..... | 1887 | Non-sect. | ..... | 6 | 6 | 23 | 5 | Yes. | No. |
| 102 Dorchester | Shawmut School | Miss Ella G. Ives ..... | ..... | 1885 | Non-sect. | ..... | 6 | 6 | 42 | 6 | ..... | No. |
| 103 East Northfield | Northfield Seminary | Miss E. S. Hall, B. A. | 1880 | 1879 | Non-sect. | 1 | 19 | 20 | 291 | ..... | Yes. | No. |
| 104 Everett | Home School | Mrs. A. P. Potter | 1874 | 1874 | Bapt. | ..... | 1 | 7 | 31 | 7 | (b) | No. |
| 105 Greenfield | Prospect Hill School | Rev. James Challis Parsons | 1881 | 1869 | Non-sect. | 3 | 6 | 9 | 32 | 3 | No. | No. |
| 106 Jamaica Plain (St. John st.) | Home and Day School | Mrs. B. W. Putnam ..... | ..... | 1874 | Non-sect. | ..... | 5 | 5 | 28 | 2 | ..... | (a) |

| No. | Lawrence | Lawrence Private School. | Miss Marcia Packard. | 1881 | P. E. | 5 | 35 | No. |
|--------------|---------------------------------------|-------------------------------|----------------------------|------|-----------|----|-----|------|
| 107 | Lowell | English and Classical School. | Miss Lucy D. Hill | 1886 | ..... | 2 | 8 | No. |
| 108 | Natick | Home School* | Mrs. A. P. Potter | 1846 | Bapt. | 5 | 34 | No. |
| 109 | Newton (29 Vernon st.) | The Messes Allen's School | Mrs. Hannah Allen | 1868 | Non-sect. | 1 | 14 | 2 |
| 110 | Northampton | Chausted School for Girls. | Miss B. T. Capon | 1877 | Non-sect. | 4 | 102 | 36 |
| 111 | Roxbury | Notre Dame Academy | Sister Aloyse, superioress | 1863 | R. C. | 15 | 15 | 80 |
| 112 | Springfield (141 High st.) | "The Elms" | Miss Charlotte W. Porter | 1866 | Non-sect. | 3 | 10 | 6 |
| 113 | Wellesley | Dana Hall School | Julia A. Eastman | 1880 | Non-sect. | 15 | 100 | Yes. |
| 114 | West Bridgewater | Howard Collegiate Institute | Miss Emma O. Conroy | 1863 | Non-sect. | 1 | 25 | 6 |
| 115 | Worcester (25 Chatham st.) | Miss Williams' School* | Miss Ava Williams | 1873 | Non-sect. | 2 | 18 | Yes. |
| MICHIGAN. | | | | | | | | |
| 117 | Detroit (47 Adams ave. west) | Detroit Seminary | A. M. McCutchem | 1859 | Non-sect. | 2 | 11 | 114 |
| 118 | Marshall | St. Mary's Academy | P. A. Baart | 1883 | R. C. | 5 | 5 | 150 |
| 119 | St. Clair | Somerville School | Dr. C. C. Wetsell | 1880 | Non-sect. | 5 | 10 | Yes. |
| MINNESOTA. | | | | | | | | |
| 120 | Faribault | Bethlehem Female Academy | Dominican Sister | 1885 | R. C. | 12 | 89 | No. |
| 121 | Minneapolis (1020 Harmon Place) | Judson Female Institute | Miss Abby A. Judson | 1879 | Non-sect. | 2 | 87 | 0 |
| 122 | Rochester | Notre Dame de Lourdes Academy | Mother Mary Alfred | 1877 | R. C. | 4 | 55 | 0 |
| MISSISSIPPI. | | | | | | | | |
| 123 | Carrollton | Carrollton Female College | Z. T. Leavell, president | 1873 | Baptist | 3 | 42 | No. |
| 124 | Clinton | Mt. Hermon Female Seminary | Sarah A. Dickey | 1883 | Non-sect. | 5 | 230 | (b) |
| 125 | Payette | Payette Academy | Miss Kate Wharton | 1881 | Presb. | 3 | 48 | No. |
| 126 | Oxford | Warren Female College | Mrs. C. A. Lancaster | 1880 | Non-sect. | 4 | 65 | No. |
| 127 | Winona | Winona Female College | J. T. Zealy | 1870 | Non-sect. | 1 | 175 | No. |
| MISSOURI. | | | | | | | | |
| 128 | Macon | St. Agnes Hall | L. A. Smith | 1886 | P. E. | 5 | 40 | 0 |
| 129 | Rich Hill | Rich Hill Female Seminary | Mrs. R. A. Allen | 1884 | Non-sect. | 4 | 53 | No. |
| 130 | St. Charles | Sacred Heart Academy | R. Conway, superior | 1818 | R. C. | 18 | 148 | (b) |
| 131 | St. Joseph | Academy of the Sacred Heart | ..... | 1852 | R. C. | 19 | 110 | No. |
| 132 | St. Joseph (5th and An- tone sts.) | Young Ladies' Institute | Rev. Charles Martin, M. D. | 1869 | Non-sect. | 3 | 10 | 101 |
| 133 | St. Louis (Meramec st.) | Academy of the Sacred Heart* | Madame M. O'Meara | 1827 | R. C. | 5 | 30 | 115 |
| 134 | St. Louis (1613 Compton ave.) | School of the Good Shepherd | Sister Catharine | 1873 | P. E. | 1 | 15 | 90 |
| 135 | Sedalia | Mrs. Miller's Seminary | Mrs. R. T. Miller | 1884 | ..... | 2 | 4 | 25 |
| NEBRASKA. | | | | | | | | |
| 136 | Omaha | Academy of the Sacred Heart | Madame Onahan | 1881 | R. C. | 20 | 20 | 110 |

b Calisthenics.

a Pupils attend the Allen Gymnasium.

* Statistics of 1887-88.

TABLE 6.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.
DIVISION B.—Private schools for girls.—PART I—Continued.

| Location. | Name. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | | Has the school a gymnasium? | Is military drill employed? |
|---------------------------------------|------------------------------------|-------------------------------------|------------------|------------------|-------------------------|--------------|---------|--------|-----------|-------------------------------------------------------------------------|------|-----------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Total. | Total preparing for college classical course, or for scientific school. | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | |
| NEBRASKA—continued. | | | | | | | | | | | | | |
| 137 Omaha..... | Brownell Hall..... | Rev. Robert Doherty, M. A., rector. | 1867 | 1862 | P. E..... | 2 | 9 | 11 | 117 | 82 | Yes. | | |
| 138 do..... | St. Catherine's Academy..... | | 1877 | 1877 | R. C..... | | 12 | 12 | 90 | | Yes. | | |
| NEVADA. | | | | | | | | | | | | | |
| 139 Reno..... | The Bishop's School for Girls..... | J. M. Rankin..... | | 1876 | P. E..... | 1 | 8 | 9 | 70 | | Yes. | No. | |
| NEW HAMPSHIRE. | | | | | | | | | | | | | |
| 140 Concord..... | St. Mary's School for Girls..... | Miss Elizabeth M. M. Gainforth. | 1885 | 1886 | P. E..... | 3 | 4 | 7 | 37 | | Yes. | No. | |
| 141 Portsmouth..... | Miss Morgan's Home School..... | M. Foster..... | | 1874 | Non-sect..... | | 7 | 7 | 44 | | No. | | |
| NEW JERSEY. | | | | | | | | | | | | | |
| 142 Bridgeton..... | Ivy Hall Seminary..... | Rev. Henry Reeves, Ph. D..... | | 1861 | Non-sect..... | 4 | 6 | 10 | 56 | 3 | Yes. | No. | |
| 143 do..... | Seven Gables Boarding School..... | Mrs. Westcott..... | | 1874 | Non-sect..... | 4 | 7 | 11 | 28 | 20 | Yes. | Yes. | |
| 144 Elizabeth (279 Broad st.)..... | English and French School..... | The Misses Vail and Deane..... | | 1886 | Non-sect..... | 1 | 7 | 8 | 66 | 6 | No. | (a) | |
| 145 Fort Lee..... | Institute of Holy Angels..... | Sister M. Nonna, superioress..... | | 1879 | R. C..... | | 6 | 6 | 20 | | No. | | |
| 146 Hightstown..... | Hightstown Seminary..... | F. D. Budlong, A. M..... | | 1885 | Non-sect..... | 1 | 5 | 6 | 50 | 2 | | | |
| 147 Hoboken (352 Bloomfield st.)..... | Young Ladies' Institute..... | Mathilde Schimide..... | | 1868 | Non-sect..... | | | 11 | 100 | | | | |
| 148 Lakewood..... | The Oaks..... | E. F. Fanenston..... | | 1885 | | | 6 | 6 | 44 | | Yes | | |
| 149 Mont Clair..... | Fairview Home and Day School..... | Mrs. A. H. Bissell..... | | 1888 | | | 5 | 5 | 26 | | Yes. | | |

| No. | School | 1877 | Non-sect. | 4 | 15 | 19 | 143 | Yes | No. |
|-----------|-----------------------------------------|--------------------------------------------|-----------|-----|-----|----|-----|-----|---------|
| 150 | Morristown..... | Miss E. E. Dana | Non-sect. | 3 | 7 | 10 | 55 | 40 | No. |
| 151 | Newark (27 Hill st.)..... | Miss Anna F. Whitmore | Non-sect. | 3 | 7 | 10 | 55 | 40 | No. |
| 152 | Newark (5 Clinton ave.)..... | Miss Craven | Non-sect. | 3 | 7 | 10 | 55 | 40 | No. |
| 153 | New Brunswick (40 Bay- and st.)..... | Miss Harriet I. Anable | Non-sect. | 4 | 9 | 13 | 60 | 1 | No. |
| 154 | Plainfield (13 W. 7th st.)..... | Miss E. E. Kenyon | Non-sect. | 2 | 8 | 10 | 60 | 1 | Yes. |
| 155 | Plainfield (25 E. 5th st.)..... | Mrs. R. C. Dungee | P. E | 1 | 4 | 5 | 35 | 4 | No. |
| NEW YORK. | | | | | | | | | |
| 156 | Albany (40 N. Pearl st.)..... | Miss Lucy A. Plympton | Non-sect. | 2 | 14 | 16 | 166 | 3 | No. |
| 157 | Batavia..... | Miss Mary J. Stephens | Non-sect. | 2 | 9 | 11 | 46 | 1 | No. |
| 158 | Binghamton..... | Mrs. Jane G. Hyde | Non-sect. | 2 | 9 | 11 | 75 | 10 | No. |
| 159 | Brooklyn (183 Lincoln Place)..... | Miss C. E. Hayner | Non-sect. | 2 | 6 | 8 | 75 | --- | Yes |
| 160 | Brooklyn (119 Sixth ave.)..... | Mrs. E. C. Stacker | Non-sect. | --- | --- | 7 | 78 | --- | No. |
| 161 | Brooklyn (209 Clinton ave.)..... | Sisters of the Visitation | R. C | --- | 15 | 15 | 136 | --- | No. |
| 162 | Brooklyn (Schermerhorn st.)..... | Susan P. Peckham | Friends | 0 | 7 | 7 | 103 | 0 | No. |
| 163 | Buffalo..... | Sister D. M. Kirly | R. C | --- | 17 | 17 | 231 | 20 | Yes. |
| 164 | Buffalo (749 Washington st.)..... | Sister M. Leonard | R. C | 1 | 7 | 8 | 85 | --- | No. |
| 165 | Canandaigua..... | Mrs. Samuel D. Backus | Cong. | 2 | 7 | 9 | 26 | --- | (b) |
| 166 | Carmel..... | Geo. Crosby Smith, A. M., president. | M. E | 2 | 5 | 7 | 67 | --- | No. |
| 167 | Clinton..... | Rev. Chester W. Hawley, A. M. | Non-sect. | 2 | 6 | 8 | 90 | 1 | No. (c) |
| 168 | do..... | Mrs. J. A. Slayton | Non-sect. | 3 | 7 | 10 | 105 | --- | No. |
| 169 | do..... | A. G. Bonedict, A. M. | P. E | 1 | 5 | 6 | 31 | --- | (d) |
| 170 | Fort Edward..... | Jos. E. King, D. D., Ph. D., president. | Non-sect. | 4 | 9 | 13 | 110 | 10 | Yes. |
| 171 | Garden City..... | Miss Charlotte Titcomb | P. E | 5 | 0 | 11 | 47 | --- | No. |
| 172 | Hudson (621 Union st.)..... | Sarah R. Skinner | Non-sect. | 1 | 9 | 10 | 100 | 40 | (a) |
| 173 | Mt. Vernon (box 82)..... | Mary C. Lockwood | Non-sect. | 3 | 5 | 8 | 65 | 20 | No. |
| 174 | New Brighton (S. L.)..... | George W. Cook, Ph. D. | R. C | 5 | 5 | 5 | 58 | --- | No. |
| 175 | Newburgh..... | Sister M. Hildebrand | Non-sect. | 1 | 12 | 13 | 61 | 4 | No. |
| 176 | New York (28 East 56th st.)..... | Mlle. Kuel | Non-sect. | 1 | 20 | 24 | 151 | 5 | No. |
| 177 | New York (6 East 45th st.)..... | J. G. Crowsell, head-master | Non-sect. | 4 | 20 | 24 | 151 | 5 | Yes. |
| 178 | New York (1961 Madison ave.)..... | Ella L. Barnes | Non-sect. | 2 | 7 | 9 | 65 | 17 | No. |
| 179 | New York (62 W. 40th st.)..... | Miss Lydia Day | Non-sect. | 4 | 14 | 18 | 78 | 4 | No. |
| 180 | New York (148 Madison ave.)..... | Mrs. J. J. Roberts | Non-sect. | 4 | 8 | 12 | 60 | --- | No. |
| 181 | New York (55 W. 47th st.)..... | Miss Julia Gibbons | Non-sect. | 1 | 7 | 8 | 60 | 8 | Yes. |
| 182 | New York (343 W. 42d st.)..... | Sister in charge | R. C | 1 | 12 | 13 | 230 | 33 | No. |
| 183 | New York (231 E. 17th st.)..... | do | P. E | 2 | 6 | 8 | 38 | 6 | No. |
| 184 | New York (8 East 46th st.)..... | do | P. E | 3 | 17 | 20 | 150 | 105 | No. |
| 185 | New York (2411 Leuox ave.)..... | Mary Falconer Perrin | Non-sect. | 4 | 11 | 15 | 98 | --- | Yes |
| 186 | New York (2 W. est 62d st.)..... | Madame Van Norman | Non-sect. | 4 | 11 | 15 | 80 | --- | No. |
| 187 | New York (711 Madison ave.)..... | Gertrude Weil | Non-sect. | 5 | 10 | 15 | 80 | --- | Yes |

c Elocutionary physical culture.

b Exercises with gymnastic apparatus.

a Calisthenics.

TABLE 6.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.
DIVISION B.—*Private schools for girls*.—PART I—Continued.

| Location. | Name. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | | Has the school a gymnasium? | Is military drill employed? |
|-------------------------|----------------------------------|-----------------------------------|------------------|------------------|-------------------------|--------------|--------|--------|-----------|----------------------------------------------------------------------------------------------------------|--------|-----------------------------|-----------------------------|
| | | | | | | Male | Female | Total. | Total. | Total preparing for college, classical course, or for scientific course in college or scientific school. | Total. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| PENNSYLVANIA—continued. | | | | | | | | | | | | | |
| 240 | Philadelphia (2027 Chestnut st.) | Wellesley School..... | | | | | | | | | | | |
| 241 | Philadelphia (1602 W. Green st.) | West Green Street Institute..... | | 1882 | Non-sect.. | 3 | 10 | 13 | 100 | 17 | | | |
| 242 | Philadelphia (2015 Walnut st.) | Miss M. Laird | | 1868 | Lutheran | 2 | 7 | 9 | 48 | | | | |
| 243 | South Bethlehem | Mrs. Henrietta Kutz..... | | 1867 | Non-sect.. | 10 | 11 | 21 | 35 | 20 | (a) | | |
| 244 | West Chester | Miss S. S. Kellogg | 1874 | 1868 | P. E. | | 7 | 7 | 44 | | Yes. | No. | |
| 245 | Williamsport | Richard Darlington, Ph. D..... | | 1854 | Friends | 2 | 6 | 8 | 80 | 5 | Yes | Yes. | |
| | | Miss J. M. Wilson | | 1865 | | | 3 | 3 | 45 | | No.. | No.. | |
| RHODE ISLAND. | | | | | | | | | | | | | |
| 246 | Providence (Elmhurst) | Clara O'Rourke, superintress..... | 1873 | 1873 | R. C. | | 19 | 19 | 57 | | No.. | No. | |
| 247 | Providence (235 Benefit st.) | Miss Ida M. Gardner | | 1880 | Non-sect.. | 3 | 7 | 10 | 37 | | | | |
| SOUTH CAROLINA. | | | | | | | | | | | | | |
| 248 | Reidville | A. Spencer, A. M., president..... | 1887 | 1858 | Presb. | 1 | 2 | 3 | 35 | | No.. | No. | |
| 249 | Sumter | Mrs. L. A. Browne | | 1867 | Presb. | 2 | 8 | 10 | 132 | | | | |
| TENNESSEE. | | | | | | | | | | | | | |
| 250 | Bristol | L. L. Carlock, president..... | 1874 | 1868 | M. E. So. | 3 | 7 | 10 | 206 | | No.. | No. | |
| 251 | Clarksville | Mrs. E. G. Buford | 1846 | 1846 | M. E. So. | 0 | 6 | 6 | 50 | 10 | Yes. | No. | |

TABLE 6.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1883-83.*

DIVISION B.—Private schools for girls.—PART II.

| | Name. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|----|------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | ALABAMA. | | | | | | | | |
| 1 | Marengo Institute | 1,500 | \$25-50 | \$100 | \$10,000 | ..... | ..... | ..... | ..... |
| 2 | South Alabama Female Institute. | 250 | 25 | ..... | 2,000 | ..... | ..... | ..... | ..... |
| 3 | Deshler Female Institute. | 0 | 20-40 | 0 | 10,000 | 0 | 0 | 0 | 0 |
| | ARKANSAS. | | | | | | | | |
| 4 | Arkansas Female College. | 798 | 32-62 | 0 | 15,000 | 0 | 0 | 0 | 0 |
| | CALIFORNIA. | | | | | | | | |
| 5 | Saint Catherine's Academy. | ..... | a 225 | 150 | ..... | ..... | ..... | 0 | ..... |
| 6 | College of Notre Dame .. | 515 | 40 | ..... | 20,000 | 0 | 0 | 0 | ..... |
| 7 | Convent of Our Lady of the Sacred Heart. | 2,000 | a 260 | ..... | ..... | ..... | ..... | ..... | ..... |
| 8 | Field Seminary | 950 | 60 | 1,000 | 40,000 | 0 | 0 | 0 | 0 |
| 9 | Snell Seminary | 250 | 60 | 350 | 50,000 | ..... | ..... | ..... | ..... |
| 10 | St. Joseph's Academy .. | 2,000 | ..... | ..... | 10,000 | ..... | ..... | 0 | ..... |
| 11 | Irving Institute | 1,000 | 60-100 | 500 | 50,000 | 0 | 0 | 0 | 0 |
| 12 | Miss Lake's School | 800 | 100 | 100 | 30,000 | 0 | 0 | 0 | 0 |
| 13 | School for Girls | 100 | 80-160 | ..... | ..... | ..... | ..... | ..... | ..... |
| 14 | Home Seminary | 300 | 60, 80 | ..... | ..... | ..... | ..... | ..... | ..... |
| 15 | San Rafael Institute | 250 | 125 | ..... | ..... | 0 | 0 | 0 | 0 |
| 16 | St. Vincent's School | 150 | 20 | ..... | ..... | ..... | ..... | \$3,395 | \$60 |
| 17 | Young Ladies' Seminary. | 1,000 | 60 | 0 | 5,000 | 0 | 0 | 0 | 0 |
| | COLORADO. | | | | | | | | |
| 18 | Wolfe Hall | 2,000 | 60, 40 | 1,000 | 200,000 | ..... | \$20,000 | ..... | 1,000 |
| | CONNECTICUT. | | | | | | | | |
| 19 | Golden Hill Seminary | 1,200 | 40-100 | ..... | 60,000 | ..... | ..... | ..... | ..... |
| 20 | Hillside Seminary ..... | ..... | 50-100 | ..... | 22,000 | ..... | ..... | ..... | ..... |
| 21 | Miss Burke's Private School. | ..... | 40 | ..... | ..... | ..... | ..... | ..... | ..... |
| 22 | Greenwich Institute* | 1,000 | 40-100 | ..... | 10,000 | ..... | ..... | ..... | ..... |
| 23 | The Eldersage School | 400 | 40-60 | ..... | 20,000 | ..... | ..... | ..... | ..... |
| 24 | Home and Day School for Young Ladies. | 300 | 40-70 | 100 | 35,000 | 0 | 0 | 0 | 0 |
| 25 | West End Institute | 400 | 60, 45 | ..... | ..... | ..... | ..... | ..... | ..... |
| 26 | Institute for Young Ladies .. | ..... | 30-50 | ..... | ..... | ..... | ..... | ..... | ..... |
| 27 | St. Margaret's Diocesan School. | 600 | 30-60 | 700 | 80,000 | \$17,000 | 700 | ..... | ..... |
| | DISTRICT OF COLUMBIA. | | | | | | | | |
| 28 | Academy of the Visitation. | 2,000 | 60-100 | 500 | ..... | ..... | ..... | ..... | ..... |
| 29 | Holy Cross Academy* | 600 | ..... | 400 | 80,000 | ..... | ..... | ..... | ..... |
| 30 | Norwood Institute | 1,500 | 100-120 | ..... | ..... | ..... | ..... | ..... | ..... |
| 31 | West End Seminary ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 32 | "The Cedars" | 500 | 65 | ..... | 50,000 | ..... | ..... | ..... | ..... |
| | FLORIDA. | | | | | | | | |
| 33 | Daytona Institute | 200 | 18-36 | 15 | 4,000 | ..... | ..... | ..... | ..... |
| | GEORGIA. | | | | | | | | |
| 34 | Home School for Young Ladies. | 500 | 20-60 | ..... | ..... | ..... | ..... | ..... | ..... |
| 35 | Atlanta Female Institute. | 2,000 | 5-50 | 1,000 | 40,000 | ..... | ..... | ..... | ..... |

* Statistics of 1887-88.

a Includes board.

TABLE 6.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION B.—Private schools for girls.—PART II—Continued.

| | Name. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|----|-------------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | GEORGIA—continued. | | | | | | | | |
| 36 | Spelman Seminary | 1,000 | 8 | \$500 | \$80,000 | 0 | 0 | 0 | \$7,000 |
| 37 | Washington Seminary | | 6 | | | | | | |
| 38 | Mercer Female Seminary | 0 | 30 | 0 | 1,000 | | | | 0 |
| 39 | Chappell Female College | 0 | \$36-66 | 300 | 18,000 | 0 | 0 | 0 | 0 |
| 40 | Select School for Young Ladies | | 30 | | | | | | |
| 41 | Harwood Seminary | | 40-50 | 500 | 17,000 | | | 0 | |
| 42 | Female Seminary* | | 20-40 | | | | | | |
| 43 | St. Joseph's Academy | 300 | 90 | 150 | 4,000 | | | | |
| | ILLINOIS. | | | | | | | | |
| 44 | Dearborn Seminary | 1,000 | 120 | | | 0 | 0 | 0 | 0 |
| 45 | Girls' Higher School | 1,600 | 50-160 | 400 | | 0 | 0 | 0 | 0 |
| 46 | Grant Collegiate Institute | 1,000 | 60-160 | 500 | | 0 | | 0 | 175 |
| 47 | Kirkland School | 1,000 | 75 | 250 | 26,000 | | | | |
| 48 | The Loring School | 300 | 75-150 | 200 | | | | | |
| 49 | St. Xavier's Academy | 3,000 | 300 | 500 | 225,000 | | | 0 | |
| 50 | Monticello Female Seminary | 4,000 | 60 | 1,000 | 200,000 | | | | 50,000 |
| 51 | St. Francis Academy | 675 | 15 | | 120,000 | | | | |
| 52 | St. Joseph's Seminary | 700 | 10-30 | 12 | 28,300 | | | | |
| 53 | St. Francis Xavier's Academy | 80 | 10-26 | 1,000 | 40,000 | \$4,000 | \$200 | 0 | |
| 54 | St. Agatha's School | 250 | 60-30 | 100 | 20,000 | 0 | 0 | 0 | 5 |
| 55 | Institute of Our Lady of the Sacred Heart | | 170 | | 80,000 | | 0 | 0 | 0 |
| | INDIANA. | | | | | | | | |
| 56 | St. Augustine's Academy | 20 | 20 | 75 | 65,000 | | | | |
| 57 | Westminster Seminary | 600 | 50 | 100 | 15,000 | | | | |
| 58 | Classical School for Girls | | 60-120 | | 15,000 | | | | |
| 59 | Indianapolis Institute | 200 | 60 | 100 | 20,000 | 0 | 0 | 0 | 300 |
| 60 | St. John's Academy | 700 | 150 | | | | | | |
| 61 | St. Mary's Academy | 4,000 | 220 | 1,000 | | | | | |
| 62 | St. Mary's Academic Institute | | 180 | | | | | | |
| | INDIAN TERRITORY. | | | | | | | | |
| 63 | New Hope Female Seminary | 250 | 0 | | 15,000 | | | \$10,000 | |
| 64 | Cherokee National Female Seminary | | | | | | | | |
| 65 | Wheelock Seminary | 850 | | | 15,000 | | | 5,500 | |
| | IOWA. | | | | | | | | |
| 66 | Young Ladies' School | | 60 | | | | | | |
| | KENTUCKY. | | | | | | | | |
| 67 | Alexander Institute | 1,000 | 30 | | 10,000 | 7,000 | 550 | 0 | 4,000 |
| 68 | Academy of Sisters of Notre Dame | 1,200 | 10-20 | 100 | 50,000 | | | | |
| 69 | Miss Gibson's School | 250 | 40-100 | | | 0 | 0 | 0 | 0 |
| 70 | Haywood Female Seminary | | 25-35 | | 12,000 | | | | |
| 71 | Literary and Benevolent Institution | 5,000 | 50 | | | | | 0 | 0 |
| 72 | East Kentucky Normal School.* | 600 | 50 | 150 | 25,000 | | | 0 | 0 |

* Statistics of 1887-88.

a Includes board.

TABLE 6.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION B.—Private schools for girls.—PART II—Continued.

| | Name. | Volumes in library. | Annual charge for tuition. | Amount of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|---------------------------------------|---------------------|----------------------------|---------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | KENTUCKY—continued. | | | | | | | | |
| 73 | Miss Tipton's Select School. | 400 | \$40 | \$100 | \$4,000 | 0 | 0 | 0 | 0 |
| | LOUISIANA. | | | | | | | | |
| 74 | Millwood Female Institute. | ----- | 30 | ----- | 10,000 | 0 | 0 | 0 | ----- |
| 75 | Caruatz Institute | ----- | 50-120 | ----- | ----- | ----- | ----- | ----- | ----- |
| 76 | School for Young Ladies. | 150 | 50-100 | ----- | 8,000 | ----- | ----- | ----- | ----- |
| 77 | Southern Academic Institute. | 200 | 45-108 | ----- | ----- | ----- | ----- | 0 | 0 |
| | MAINE. | | | | | | | | |
| 78 | Douglass Seminary | ----- | a150 | ----- | ----- | ----- | ----- | 0 | ----- |
| | MARYLAND. | | | | | | | | |
| 79 | School for Girls | ----- | 30, 40, 50 | ----- | ----- | ----- | ----- | ----- | ----- |
| 80 | Southern Home School | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 81 | Wilford School for Girls | 200 | 50-150 | ----- | ----- | ----- | ----- | ----- | ----- |
| 82 | St. Edward's Academy* | 300 | 5-50 | ----- | ----- | 0 | 0 | 0 | 0 |
| 83 | Patapasco Female Institute. | ----- | 500 | ----- | ----- | ----- | ----- | 0 | 0 |
| 84 | Notre Dame of Maryland. | 4,000 | a256 | 2,000 | ----- | ----- | ----- | ----- | ----- |
| 85 | Seminary for Young Ladies.* | 1,500 | 40 | 450 | 50,000 | ----- | ----- | ----- | ----- |
| 86 | The Hannah More Academy. | 550 | 40 | ----- | 15,000 | \$4,000 | \$200 | 0 | \$5,000 |
| 87 | St. Mary's Seminary | 600 | 20 | ----- | 10,000 | ----- | ----- | \$2,500 | ----- |
| 88 | Rockland School | 500 | 40 | 300 | 10,000 | ----- | ----- | ----- | ----- |
| | MASSACHUSETTS. | | | | | | | | |
| 89 | Home School for Girls | 1,100 | a500 | ----- | 12,000 | ----- | ----- | ----- | ----- |
| 90 | Riverside Home and Day School. | 600 | 100 | ----- | 20,000 | ----- | ----- | ----- | ----- |
| 91 | Academy of Notre Dame. | 2,000 | 48 | ----- | ----- | ----- | ----- | 0 | 0 |
| 92 | Academy of the Sacred Heart. | 865 | 100 | 310 | 70,000 | ----- | ----- | ----- | ----- |
| 93 | Home and Day School | 3,000 | 150-200 | 250 | 17,000 | 0 | 0 | 0 | 0 |
| 94 | Home and Day School for Girls. | ----- | 150-250 | ----- | 40,000 | ----- | ----- | ----- | ----- |
| 95 | Home and Day School for Young Ladies. | ----- | 200 | ----- | ----- | ----- | ----- | ----- | ----- |
| 96 | Miss Ireland's School | 1,600 | 250 | 300 | ----- | 0 | 0 | 0 | 0 |
| 97 | Sears's School for Girls | 700 | 250-200 | 200 | ----- | ----- | ----- | ----- | ----- |
| 98 | School for Girls | 500 | 250-175 | 600 | ----- | ----- | ----- | ----- | ----- |
| 99 | The Cambridge School | ----- | 110 | ----- | 30,000 | ----- | ----- | ----- | ----- |
| 100 | Mrs. H. D. Perry's Family School. | ----- | a225 | ----- | ----- | ----- | ----- | ----- | ----- |
| 101 | The Willard Home School | 300 | 60 | 50 | ----- | ----- | ----- | ----- | ----- |
| 102 | Shawmut School | 0 | 70 | ----- | 6,000 | ----- | ----- | ----- | ----- |
| 103 | Northfield Seminary | 3,500 | 21 | 20,000 | 200,000 | 45,000 | 2,437 | 0 | 34,039 |
| 104 | Home School | ----- | 75 | ----- | 7,000 | 0 | 0 | 0 | ----- |
| 105 | Prospect Hill School | 200 | 50-75 | 100 | 25,000 | ----- | ----- | ----- | ----- |
| 106 | Home and Day School | ----- | 60-150 | 100 | 4,500 | ----- | ----- | ----- | ----- |
| 107 | Lawrence Private School | 100 | 75 | ----- | ----- | ----- | ----- | ----- | ----- |
| 108 | English and Classical School. | 400 | 150 | ----- | 300 | 4,000 | ----- | ----- | ----- |
| 109 | Home School* | ----- | 25-75 | ----- | ----- | ----- | ----- | ----- | ----- |
| 110 | The Misses Allen's School. | ----- | 150-200 | ----- | ----- | ----- | ----- | ----- | ----- |

* Statistics of 1887-88.

a Includes board.

TABLE 6.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION B.—*Private schools for girls.*—PART II—Continued.

| | Name. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|--------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | MASSACHUSETTS—cont'd. | | | | | | | | |
| 111 | Classical School for Girls. | 2,000 | \$100 | ----- | ----- | 0 | ----- | 0 | ----- |
| 112 | Notre Dame Academy. | ----- | 60 | ----- | ----- | ----- | ----- | ----- | ----- |
| 113 | "The Elms" | 1,500 | 100 | \$500 | \$20,000 | ----- | ----- | ----- | ----- |
| 114 | Dana Hall School | ----- | 100 | 37,000 | ----- | 0 | ----- | 0 | 0 |
| 115 | Howard Collegiate Institute. | 3,000 | 120 | 300 | 100,000 | \$80,000 | \$4,100 | 0 | \$15 |
| 116 | Miss Williams's School*.. | 300 | 100-175 | ----- | ----- | ----- | ----- | ----- | ----- |
| | MICHIGAN. | | | | | | | | |
| 117 | Detroit Seminary | ----- | 40-64 | ----- | ----- | ----- | ----- | ----- | ----- |
| 118 | St. Mary's Academy..... | 350 | 14 | ----- | 7,000 | ----- | ----- | ----- | ----- |
| 119 | Somerville School | 521 | 40 | 1,200 | 50,000 | ----- | ----- | ----- | ----- |
| | MINNESOTA. | | | | | | | | |
| 120 | Bethlehem Female Academy. | 500 | 21-30 | 150 | 1,700 | 0 | 0 | 0 | 0 |
| 121 | Judson Female Institute. | 800 | 72,100 | 150 | ----- | ----- | 0 | 0 | 0 |
| 122 | Notre Dame de Lourdes Academy. | 200 | 150 | 1,400 | 50,000 | 0 | 0 | 0 | 0 |
| | MISSISSIPPI. | | | | | | | | |
| 123 | Carrollton Female College. | 500 | 40 | 100 | 3,000 | ----- | ----- | ----- | ----- |
| 124 | Mt. Hermon Female Seminary. | 300 | 9 | ----- | 20,000 | ----- | ----- | \$390 | 2,230 |
| 125 | Fayette Academy | 100 | 25-95 | ----- | 5,000 | ----- | ----- | ----- | 0 |
| 126 | Warren Female Institute. | ----- | 50 | ----- | 7,000 | ----- | ----- | ----- | ----- |
| 127 | Winona Female College.. | 100 | 100 | 75 | 2,000 | ----- | ----- | 0 | ----- |
| | MISSOURI. | | | | | | | | |
| 128 | St. Agnes Hall..... | 100 | 25 | 0 | 5,000 | 0 | 0 | 0 | 0 |
| 129 | Rich Hill Female Seminary. | ----- | 7-15 | ----- | ----- | ----- | ----- | ----- | ----- |
| 130 | Sacred Heart Academy.. | 1,200 | 150 | 500 | 35,000 | ----- | ----- | ----- | ----- |
| 131 | Academy of the Sacred Heart. | ----- | 60 | ----- | 300,000 | ----- | ----- | ----- | ----- |
| 132 | Young Ladies' Institute.. | 300 | 50 | ----- | 25,000 | 0 | 0 | 0 | ----- |
| 133 | Academy of the Sacred Heart.* | 5,000 | 250 | ----- | 400,000 | ----- | ----- | ----- | ----- |
| 134 | School of the Good Shepherd. | 1,000 | 30-130 | 400 | ----- | ----- | ----- | ----- | ----- |
| 135 | Mrs. Miller's Seminary... | 400 | 40 | 15 | 10,000 | ----- | ----- | 0 | 0 |
| | NEBRASKA. | | | | | | | | |
| 136 | Academy of the Sacred Heart. | 2,500 | 100 | ----- | ----- | ----- | ----- | ----- | ----- |
| 137 | Brownell Hall..... | 2,500 | 70 | 300 | 14,700 | 0 | 0 | 0 | 16,000 |
| 138 | St. Catherine's Academy. | ----- | 10-70 | 400 | 80,000 | ----- | ----- | ----- | ----- |
| | NEVADA. | | | | | | | | |
| 139 | The Bishop's School for Girls. | 800 | 60,40 | 300 | 20,000 | ----- | ----- | ----- | ----- |
| | NEW HAMPSHIRE. | | | | | | | | |
| 140 | St. Mary's School for Girls | 400 | 50,75 | ----- | 20,000 | ----- | ----- | ----- | ----- |
| 141 | Miss Morgan's Home School. | ----- | 100 | ----- | ----- | ----- | ----- | ----- | ----- |

* Statistics of 1887-88.

α Includes board.

TABLE 6.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION B.—Private schools for girls.—PART II—Continued.

| | Name. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|--------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | NEW JERSEY. | | | | | | | | |
| 142 | Ivy Hall Seminary | 1,000 | \$50 | ..... | \$12,000 | ..... | ..... | ..... | ..... |
| 143 | Seven Gables Boarding School | 1,000 | 500 | ..... | 25,000 | ..... | ..... | ..... | ..... |
| 144 | English and French School ..... | ..... | 48-100 | ..... | ..... | ..... | ..... | ..... | ..... |
| 145 | Institute of Holy Angels | 100 | a 225 | ..... | 25,000 | 0 | 0 | 0 | 0 |
| 146 | Hightstown Seminary | 200 | a 300 | \$25 | 12,000 | ..... | ..... | ..... | ..... |
| 147 | Young Ladies' Institute | 2,000 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 148 | "The Oaks" | 2,000 | ..... | 100 | ..... | ..... | ..... | ..... | ..... |
| 149 | Fairview Home and Day School ..... | ..... | 60-100 | ..... | ..... | ..... | ..... | ..... | ..... |
| 150 | School for Young Ladies | 1,225 | 120 | 300 | 60,000 | 0 | 0 | 0 | ..... |
| 151 | English and French Day School | 500 | 50-125 | ..... | ..... | 0 | ..... | ..... | ..... |
| 152 | School for Young Ladies and Children ..... | ..... | 60-100 | ..... | ..... | ..... | ..... | ..... | ..... |
| 153 | Misses Anable's Seminary | 600 | 50, 75 | ..... | 20,000 | ..... | ..... | ..... | ..... |
| 154 | Plainfield Seminary | 1,000 | 50-100 | 300 | 40,000 | 0 | 0 | 0 | ..... |
| 155 | Rodman Seminary | 200 | 40-90 | ..... | ..... | ..... | ..... | ..... | ..... |
| | NEW YORK. | | | | | | | | |
| 156 | Albany Female Academy | 3,000 | 12-40 | 500 | 70,000 | 0 | 0 | 0 | 0 |
| 157 | Park Place School ..... | ..... | 30 | ..... | 10,000 | 0 | 0 | 0 | 0 |
| 158 | Lady Jane Grey School | 1,000 | 60 | 300 | 0 | \$20,000 | 0 | 0 | 0 |
| 159 | Berkeley Institute ..... | ..... | 40-132 | ..... | 35,000 | ..... | ..... | ..... | \$1,500 |
| 160 | Christiansen Institute ..... | ..... | 9-26 | ..... | ..... | ..... | ..... | ..... | ..... |
| 161 | Female Institute of the Visitation | 2,000 | 40-75 | 500 | ..... | 0 | 0 | 0 | 0 |
| 162 | Friends' School ..... | ..... | 60-80 | ..... | ..... | ..... | ..... | ..... | ..... |
| 163 | Holy Angels Academy | 1,182 | 26 | 600 | 180,000 | ..... | ..... | ..... | ..... |
| 164 | Sacred Heart High School | 150 | 10-25 | ..... | 36,000 | 0 | 0 | 0 | 0 |
| 165 | Upham School | 1,000 | 50 | ..... | 12,000 | ..... | ..... | ..... | ..... |
| 166 | Drew Seminary and Female College | 3,000 | a 325 | 350 | 40,000 | 0 | 0 | 0 | ..... |
| 167 | Cottage Seminary | 540 | 26 | 50 | 10,500 | 0 | 0 | 0 | 0 |
| 168 | Houghton Seminary | 1,200 | a 350 | 700 | 43,000 | ..... | ..... | \$267 | ..... |
| 169 | Huntingdon Hall | 200 | 50 | ..... | 6,000 | ..... | ..... | 0 | 0 |
| 170 | Fort Edward Collegiate Institute | 500 | 36-50 | 0 | 8,000 | ..... | ..... | 600 | ..... |
| 171 | The Cathedral School of St. Mary | 400 | 60-100 | ..... | ..... | ..... | ..... | ..... | ..... |
| 172 | The Misses Skinner's School | 150 | 24-48 | ..... | 7,000 | ..... | ..... | ..... | ..... |
| 173 | School for Young Ladies | 500 | 60, 80, 100 | ..... | 14,000 | 0 | 0 | 0 | ..... |
| 174 | Brighton Heights Seminary | 1,500 | 100-150 | ..... | 50,000 | ..... | ..... | 0 | 0 |
| 175 | Mt. St. Mary's Academy | 300 | 28 | 500 | 25,000 | ..... | \$1,000 | ..... | ..... |
| 176 | Boarding and Day School | 300 | 300 | 100 | ..... | ..... | ..... | ..... | ..... |
| 177 | Brearely School | 1,000 | 250, 350 | 200 | ..... | 1,400 | ..... | ..... | ..... |
| 178 | Classical School for Girls | 1,000 | 75-200 | 150 | ..... | 0 | 0 | 0 | 0 |
| 179 | Comstock School | 625 | 100-250 | ..... | ..... | ..... | ..... | ..... | ..... |
| 180 | English and French School ..... | ..... | 100-225 | ..... | ..... | ..... | ..... | ..... | ..... |
| 181 | English and French School ..... | ..... | 100-250 | ..... | ..... | ..... | ..... | ..... | ..... |
| 182 | Holy Cross Academy | 500 | ..... | 175 | ..... | ..... | ..... | ..... | ..... |
| 183 | St. John Baptist School | 500 | a 400 | ..... | ..... | ..... | ..... | ..... | ..... |
| 184 | St. Mary's School | 2,000 | ..... | 1,000 | 115,000 | ..... | ..... | 0 | 0 |
| 185 | Miss Perrin's Girls' School | 900 | 75-225 | 300 | ..... | ..... | ..... | ..... | ..... |
| 186 | Van Norman Institute | 1,200 | 60-250 | ..... | ..... | ..... | ..... | ..... | ..... |
| 187 | Mrs. Weil's School | 1,500 | 100-200 | ..... | ..... | ..... | ..... | ..... | ..... |
| 188 | Nyack Seminary ..... | ..... | a 500 | ..... | ..... | ..... | ..... | ..... | ..... |
| 189 | St. Gabriel's School | 1,025 | 40-75 | 300 | 50,000 | ..... | ..... | ..... | ..... |

aIncludes board.

TABLE 6.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION B.—Private schools for girls.—PART II—Continued.

| | Name. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|-----------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | NEW YORK—continued. | | | | | | | | |
| 190 | Classical and Home Institute. | 600 | \$24-52 | ----- | ----- | ----- | ----- | ----- | ----- |
| 191 | Lyndon Hall School..... | ----- | 40-150 | \$250 | \$35,000 | 0 | ----- | ----- | 0 |
| 192 | Livingston Park Seminary | 650 | 50 | ----- | 30,000 | ----- | ----- | ----- | ----- |
| 193 | Rochester Female Academy. | 220 | 40-50 | 150 | 7,300 | ----- | ----- | \$40 | ----- |
| 194 | School for Young Ladies. | 2,000 | 60, 80 | 0 | ----- | 0 | 0 | 0 | 0 |
| 195 | St. Peter's Academy | 350 | 16 | ----- | 25,000 | ----- | ----- | ----- | ----- |
| 196 | Academy of Sacred Heart of Mary. | ----- | α 200 | ----- | 15,000 | ----- | ----- | ----- | ----- |
| 197 | Temple Grove Seminary.. | 1,500 | 65 | 500 | 80,000 | ----- | ----- | ----- | ----- |
| 198 | Ossining Institute..... | 300 | 325 | 1,500 | 20,000 | ----- | ----- | ----- | 0 |
| 199 | School for Young Ladies. | 1,000 | 60-100 | 100 | ----- | ----- | ----- | ----- | ----- |
| 200 | Troy Female Seminary... | 1,692 | 56, 80 | 1,878 | 100,000 | ----- | ----- | 200 | ----- |
| 201 | Mrs. Piatt's School | 7,000 | 42-84 | 500 | 80,000 | ----- | ----- | 0 | 0 |
| 202 | English, French, and German Day School. | 1,500 | 100 | ----- | 15,000 | ----- | ----- | ----- | ----- |
| 203 | School for Young Ladies and Children.* | 200 | 90 | ----- | 20,000 | ----- | ----- | ----- | ----- |
| | NORTH CAROLINA. | | | | | | | | |
| 204 | Scotia Seminary..... | 1,200 | ----- | 125 | 30,000 | \$2,000 | \$120 | ----- | \$9,500 |
| 205 | Henderson Female College.* | 200 | 30 | ----- | 10,000 | ----- | ----- | ----- | ----- |
| 206 | Littleton Female College. | 200 | 36-100 | ----- | 8,000 | ----- | ----- | ----- | ----- |
| 207 | Female Seminary..... | 200 | 15-40 | ----- | 4,000 | 0 | 0 | 0 | 0 |
| | OHIO. | | | | | | | | |
| 208 | Eden Park School..... | 600 | 160 | 400 | 30,000 | ----- | ----- | ----- | 0 |
| 209 | School for Girls..... | 4,000 | 95-155 | ----- | 60,000 | ----- | ----- | ----- | ----- |
| 210 | Young Ladies' Institute.. | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 211 | Boarding and Day School for Girls. | 550 | 60-150 | 100 | ----- | ----- | ----- | ----- | ----- |
| 212 | School for Girls..... | 2,000 | 60-150 | 500 | 100,000 | ----- | ----- | ----- | ----- |
| 213 | English and Classical School. | ----- | 50-100 | ----- | ----- | ----- | ----- | ----- | ----- |
| 214 | Harcourt Place Seminary. | 50 | 100 | 25 | 50,000 | 0 | 0 | 0 | 0 |
| 215 | St. Mary's Institute..... | 200 | 90 | 1,000 | 28,000 | ----- | ----- | ----- | ----- |
| 216 | Ursuline Academy..... | 3,000 | α 200 | 1,200 | ----- | ----- | ----- | ----- | ----- |
| 217 | Steubenville Female Academy. | 6,000 | 30 | 1,000 | 50,000 | 0 | ----- | 0 | ----- |
| 218 | College of Ursuline Sisters. | 800 | 20 | 600 | ----- | ----- | ----- | ----- | ----- |
| 219 | Putnam Seminary..... | 9,000 | 38, 50 | ----- | 20,000 | 0 | ----- | ----- | ----- |
| | OREGON. | | | | | | | | |
| 220 | St. Francis Academy..... | 500 | 20-40 | 150 | 4,000 | ----- | ----- | ----- | 50 |
| | PENNSYLVANIA. | | | | | | | | |
| 221 | School for Girls..... | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 222 | St. Xavier's Academy.... | 1,000 | 208 | ----- | ----- | ----- | ----- | ----- | ----- |
| 223 | Beaver College and Musical Institute. | 1,200 | 40 | 800 | 40,000 | ----- | ----- | ----- | ----- |
| 224 | Longview School for Girls | ----- | 40-60 | ----- | 80,000 | ----- | ----- | 0 | ----- |
| 225 | St. Benedict's Academy... | 400 | 10, 18, 24 | ----- | ----- | ----- | ----- | ----- | ----- |
| 226 | Greensburg Seminary.... | ----- | 40 | 50 | 19,000 | 0 | 0 | 0 | 0 |
| 227 | Misses Tomkinson's School. | 250 | 40-160 | 250 | ----- | ----- | ----- | ----- | ----- |
| 228 | Linden Hall Seminary... | 3,700 | α 250 | 400 | 60,000 | ----- | ----- | ----- | ----- |

* Statistics of 1887-88.

α Includes board.

TABLE 6.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION B.—*Private schools for girls.*—PART II—Continued.

| | Name. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|-----------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | PENNSYLVANIA—cont'd. | | | | | | | | |
| 229 | Mt. St. Aloysius Academy | 1,000 | | | | | | | |
| 230 | St. Joseph's Academy | 300 | \$150 | | \$30,000 | | | | |
| 231 | Agnes Irwin's School | 1,000 | 100-170 | | | | | | |
| 232 | Boarding and Day School | | 50-110 | \$50 | | | | | |
| 233 | Day School for Girls | | 145-175 | 100 | | | | 0 | |
| 234 | English, French, and Music School | | 50-150 | | | | | | |
| 235 | French and English Home School | 600 | 300 | | 15,000 | | | | |
| 236 | Home School for Girls | 1,200 | 40-100 | | | | | | |
| 237 | do. | | 80-100 | | | | | | |
| 238 | Mr. St. Joseph Academy | 3,000 | 200 | | 100,000 | | | 0 | 0 |
| 239 | School for Young Ladies | | | | | | | | |
| 240 | Wellesley School | | 60-80 | | | | | | |
| 241 | West Green Street Institute | | 50-125 | | | | | | |
| 242 | West Walnut Street Seminary | 1,000 | 75-125 | 700 | 40,000 | | | 0 | 0 |
| 243 | The Bishopthorpe School | 963 | 75 | 75 | | | | | |
| 244 | Darlington Seminary | 800 | 40 | 600 | 25,000 | \$500 | | | |
| 245 | Ladies' Classical Institute | | 42 | | 9,000 | | | | |
| | RHODE ISLAND. | | | | | | | | |
| 246 | Academy of the Sacred Heart | 1,000 | | | | | | | |
| 247 | School for Young Ladies* | 400 | 75-130 | 200 | | | | | |
| | SOUTH CAROLINA. | | | | | | | | |
| 248 | Reidsville Female College | 200 | 20-40 | 500 | 15,000 | 0 | 0 | 0 | 0 |
| 249 | Sumter Female Institute* | | 10-50 | | 10,000 | | | 0 | 0 |
| | TENNESSEE. | | | | | | | | |
| 250 | Sullin's College | 600 | 10-20 | 150 | 30,000 | \$1,200 | 72 | | |
| 251 | Clarksville Female Academy | | 75 | | 20,000 | | | | |
| 252 | Tipton Female Seminary | 100 | 24-36 | | 4,000 | | | \$420 | |
| 253 | Howard Female College | 400 | 20-50 | 100 | 18,000 | | | | |
| 254 | St. Mary's School | | 40-80 | | 40,000 | | | | |
| | TEXAS. | | | | | | | | |
| 255 | Hood Seminary | 200 | 50 | | 16,000 | | | | 0 |
| 256 | Carlton College | 200 | 36 | 200 | 10,000 | 0 | 0 | 0 | 0 |
| 257 | Masonic Female Institute | 500 | 20-40 | 100 | 10,000 | | | 500 | |
| 258 | Ursuline Academy | 200 | 24 | 150 | 6,000 | | | | |
| 259 | do. | 500 | | | | | | | |
| 260 | Montgomery Institute | 600 | 11-36 | | 7,000 | | | | \$900 |
| 261 | Sherman Institute | 500 | 40 | 500 | 20,000 | | | | |
| 262 | Nazareth Academy | 600 | 10-30 | | | | | | |
| | UTAH. | | | | | | | | |
| 263 | Rowland Hall | | 32-69 | | 12,000 | | | 0 | |
| 264 | St. Mary's Academy | 3,000 | 30-60 | 300 | | 0 | 0 | 0 | 0 |
| | VERMONT. | | | | | | | | |
| 265 | St. Agnes Hall | 500 | 300 | | | | | | |
| 266 | The Bishop Hopkins Hall | 5,000 | 75 | | 250,000 | 32,000 | 1,600 | 0 | 1,200 |

* Statistics of 1887-88.

α Includes board.

TABLE 6.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION B.—*Private schools for girls.*—PART II—Continued.

| | Name. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive fund. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|----------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|--------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | VIRGINIA. | | | | | | | | |
| 267 | Clarens School..... | 125 | \$25-50 | 0 | \$7,000 | 0 | 0 | 0 | 0 |
| 268 | St. Mary's Academy..... | 200 | | \$75 | | | | 0 | |
| 269 | Bruington Female Institute. | | 30-80 | | 5,000 | | | | |
| 270 | Piedmont Female Institute. | 1,000 | 45 | | 10,000 | | | | |
| 271 | Mt. Pisgah Academy..... | 170 | 120 | | 8,000 | | | 0 | 0 |
| 272 | Edgehill School..... | 3,000 | a250 | 0 | 10,000 | 0 | 0 | 0 | |
| 273 | Von Bora College..... | | 12-40 | 100 | 500 | | | | |
| 274 | Lynchburg Female Academy. | | 15-70 | | | | | | |
| 275 | Hartshorn Memorial College. | | 8 | 800 | 40,000 | 0 | | | \$2,699 |
| 276 | Suffolk Female Institute. | | 16-30 | | | | | | |
| 277 | Valley Seminary..... | 100 | 20-45 | | 7,500 | 0 | 0 | 0 | 0 |
| 278 | West Point Female Seminary. | | 40-45 | | 4,000 | | | | |
| 279 | Trinity Hall Female College. | 800 | 75 | | 7,000 | | | | |
| 280 | Wytheville Seminary..... | | 20-40 | | | | | | |
| | WASHINGTON. | | | | | | | | |
| 281 | Academy of the Holy Names. | 1,200 | 40 | 125 | 100,000 | | | 0 | 0 |
| 282 | Annie Wright Seminary | 900 | 30-60 | 300 | 75,000 | \$50,000 | \$3,000 | | |
| 283 | St. Paul's School..... | 500 | 50 | 100 | 10,000 | | | | |
| | WEST VIRGINIA. | | | | | | | | |
| 284 | Academy of the Visitation | 500 | a 200 | 500 | | | | | |
| 285 | Seguin Collegiate Institute. | | | | | | | | |
| | WISCONSIN. | | | | | | | | |
| 286 | Kemper Hall..... | | 50, 60 | | | | | | |
| 287 | St. Regina Academy..... | 200 | 160 | | 50,000 | | | | |
| 288 | St. Mary's Day and High School.* | | | | | | | | |
| 289 | St. Mary's Institute*.... | | a150 | | | | | | |
| 290 | St. Catharine's Academy | 2,350 | 140 | | 40,000 | | | | |

* Statistics of 1887-88.

a Includes board.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1883-89.

DIVISION C.—*Private schools for both sexes*.—PART I.

| Location. | Name of school. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | | Physical culture. | | |
|---------------------------|-------------------------------------------------------------|-----------------------------------|------------------|------------------|-------------------------|--------------|---------|--------|-----------|---------|--------|-----------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Male. | Female. | Total. | Total preparing for college classical course or for scientific course in college or scientific school. | Has the school a gymna- sium? | Is military drill employed? |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ALABAMA. | | | | | | | | | | | | | | |
| 1 Andrews Institute | Andrews Institute | F. M. Morgan | 1876 | 1874 | M. E. | 1 | ... | 1 | 33 | 32 | 65 | ... | No. | No. |
| 2 Ashland | Ashland High School | J. H. Riddle, prin. b. | 1878 | 1878 | Non-sect. | 3 | 2 | 5 | 115 | 126 | 241 | 81 | No. | No. |
| 3 Athens (box 90) | Trinity School | Miss M. F. Wells | 1865 | 1865 | Cong. | 5 | 5 | 5 | ... | ... | 186 | 11 | No. | (a) |
| 4 Centreville | Centreville College | J. D. Cooper | 1885 | 1885 | ... | 1 | 3 | 4 | 44 | 33 | 77 | ... | No. | No. |
| 5 Clanton | Clanton High School | A. J. Scott | 1887 | 1879 | Non-sect. | 3 | 2 | 5 | 96 | 79 | 175 | 65 | No. | No. |
| 6 Collinsville | Collinsville High School | A. W. Tate | 1887 | 1887 | Non-sect. | 2 | 1 | 3 | 40 | 40 | 80 | 10 | No. | No. |
| 7 Dadeville | Dadeville High School | W. A. Vogely, B. A. | 1870 | 1887 | Non-sect. | 1 | 4 | 5 | 98 | 84 | 182 | 35 | No. | No. |
| 8 Fort Deposit | Fort Deposit High School | T. J. Thredgill | 1870 | 1870 | Non-sect. | 2 | 1 | 3 | 45 | 40 | 85 | 8 | No. | No. |
| 9 Furman | Furman Academy | Francis Gordon Caffey, A. M. | 1840 | 1871 | Non-sect. | 1 | 3 | 4 | 36 | 34 | 70 | ... | No. | Yes |
| 10 Gaylesville | Gaylesville High School | S. L. Russell | 1875 | 1886 | Non-sect. | 3 | 3 | 6 | 65 | 50 | 115 | 13 | No. | No. |
| 11 Jasper | Jasper Male and Female Academy | E. H. Foster | 1886 | 1886 | Non-sect. | 1 | 3 | 4 | 90 | 81 | 171 | 19 | No. | No. |
| 12 Laneville | Laneville Institute | Geo. W. Stevens | 1869 | 1869 | Non-sect. | 1 | 3 | 4 | 103 | 129 | 232 | ... | No. | No. |
| 13 Mobile | German Evangelical Lutheran Con. regational School | Wm. Wembach | 1871 | 1871 | Ger. Ev. | 1 | ... | 1 | 15 | 20 | 35 | ... | No. | No. |
| 14 Opelika | Opelika Seminary | Rev. D. M. Banks | 1884 | 1881 | Luth. | 2 | 12 | 14 | 61 | 87 | 148 | 57 | No. | No. |
| 15 Perdue Hill | Perdue Hill High School | C. H. Flory | 1886 | 1886 | Non-sect. | 1 | 1 | 2 | 31 | 33 | 64 | 7 | No. | No. |
| 16 Prattville | Prattville Male and Female Academy | E. Y. McMorris | 1859 | 1859 | Non-sect. | 1 | 4 | 5 | 135 | 138 | 293 | 22 | Yes | No. |
| 17 Six Mile | Male and Female Academy | R. H. Pratt | 1858 | 1858 | Non-sect. | 2 | 2 | 4 | 74 | 67 | 141 | 14 | Yes | No. |
| 18 Springville | Springville Institute | M. M. Russell | 1887 | 1887 | Non-sect. | 1 | 2 | 3 | ... | ... | 150 | ... | No. | No. |

^a Calisthenics.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.
DIVISION C.—*Private schools for both sexes.*—PART I—Continued.

| Location. | Name of school. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | | | Physical culture. | |
|------------------------|---------------------------------------|-----------------------------------------|------------------|------------------|-------------------------|--------------|---------|--------|-----------|---------|--------|-----------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Male. | Female. | Total. | Total preparing for college or scientific course or for classical course in college or scientific school. | Has the school a gymnasium? | Is military drill employed? |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ALABAMA—continued. | | | | | | | | | | | | | | |
| 19 Talladega | Talladega College | Rev. H. S. De Forest, D. D., president. | 1869 | 1869 | Cong. | 7 | 11 | 18 | 211 | 216 | 427 | 14 | No. | No. |
| 20 Wetumpka | Wetumpka High School | J. A. Liner ..... | ..... | ..... | Non-sect. | 1 | 1 | 2 | 36 | 26 | 42 | 9 | No. | No. |
| ARKANSAS. | | | | | | | | | | | | | | |
| 21 Altus | Hondrix College | Rev. A. C. Millar, A. M., president. | 1876 | 1876 | M. E. So. | 4 | 2 | 6 | 105 | 43 | 148 | 40 | No. | No. |
| 22 Arkadelphia | Onachita Baptist College | J. W. Conger | 1887 | 1886 | Baptist | 3 | 9 | 12 | 139 | 123 | 262 | 25 | No. | Yes. |
| 23 Warren Fork | Mr. Pleasant Academy | I. K. Hooper ..... | ..... | ..... | M. E. So. | 2 | 1 | 3 | 81 | 70 | 151 | ..... | No. | No. |
| 24 Booneville | Fort Smith District High School | R. W. Douthett ..... | ..... | ..... | M. E. So. | 2 | 1 | 3 | 95 | 115 | 210 | ..... | No. | No. |
| 25 Center Ridge | Center Ridge Christian College | Wm. Moseley, president. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | No. | No. |
| 26 Clinton | Male and Female Academy | G. B. Holze | 1878 | 1878 | Non-sect. | 2 | 2 | 4 | 43 | 37 | 80 | ..... | No. | No. |
| 27 Evening Shade | Evening Shade High School | P. H. Wilkerson, county examiner. | 1883 | 1883 | ..... | 1 | 1 | 2 | ..... | ..... | 95 | ..... | No. | No. |
| 28 Marianna | Male and Female Institute | T. A. Puttrall, A. M. | 1875 | 1870 | Non-sect. | 2 | 2 | 4 | 135 | 75 | 210 | 76 | No. | No. |
| 29 Prairie Grove | Prairie Grove Institute | R. M. Carrington | 1883 | 1883 | M. E. So. | 1 | 2 | 3 | 65 | 55 | 120 | ..... | No. | No. |
| 30 Quitman | Quitman College | Rev. O. H. Tucker, A. M. | 1871 | 1871 | M. E. So. | 1 | 3 | 4 | 86 | 108 | 194 | ..... | No. | No. |
| 31 Rogers | Rogers Academy | Rev. J. W. Scroggs | 1883 | 1884 | Cong. | 2 | 3 | 5 | 87 | 94 | 181 | 23 | No. | No. |
| 32 Searcy | Searcy College | W. H. Tharp | 1888 | 1883 | Non-sect. | 4 | 8 | 12 | 90 | 114 | 204 | ..... | No. | Yes. |

| CALIFORNIA. | | 1882 | 1882 | 7th Day Ad | 7 | 5 | 12 | 101 | 122 | 223 | Yea | No. |
|--------------|------------------------------------|-------|-------|-------------------------------------|-------|----|----|-----|-------|-----|-------|-----|
| 33 | Healdsburg | ..... | 1882 | W. C. Grainger, president | ..... | 3 | 3 | 6 | 40 | 140 | ..... | No. |
| 34 | Irvine | ..... | 1871 | J. Durham, president | ..... | 1 | 1 | 2 | 35 | 40 | ..... | No. |
| 35 | Lakeport | ..... | 1884 | ..... | ..... | 4 | 1 | 5 | 17 | 34 | ..... | No. |
| 36 | Livermore | ..... | 1875 | W. M. Doyall | ..... | 4 | 1 | 5 | 17 | 34 | ..... | No. |
| 37 | Livermore | ..... | 1888 | William Shelton, A. M., LL. D. | ..... | 1 | 2 | 3 | 27 | 5 | ..... | No. |
| 38 | Nevada City | ..... | 1881 | Sisters of Mercy | ..... | 0 | 5 | 5 | 32 | 134 | ..... | No. |
| 39 | Oakland | ..... | 1877 | Sisters of Mercy | ..... | 0 | 5 | 5 | 32 | 134 | ..... | No. |
| 40 | Pacerville | ..... | 1861 | R. C. Thidal | ..... | 1 | 5 | 6 | 40 | 100 | ..... | No. |
| 41 | Pacerville | ..... | 1873 | Edward P. Howe | ..... | 4 | 4 | 30 | 40 | 70 | ..... | No. |
| 42 | Sacramento (6th st., bet. J and K) | ..... | 1883 | Dr. B. Sturges | ..... | 2 | 1 | 3 | 62 | 22 | ..... | No. |
| 43 | San Bernardino | ..... | 1876 | Sisters of Notre Dame | ..... | 10 | 19 | 25 | 650 | 575 | ..... | No. |
| 44 | San Francisco (129 Haight st.) | ..... | 1859 | Rev. James Matthews, D. D. | ..... | 1 | 3 | 4 | 17 | 19 | ..... | No. |
| COLORADO. | | | | | | | | | | | | |
| 44 | Salida | ..... | 1884 | Glenn Culbertson | ..... | 1 | 1 | 16 | 20 | 36 | ..... | No. |
| 45 | South Pueblo | ..... | 1888 | M. E. So | ..... | 2 | 3 | 5 | 30 | 18 | ..... | No. |
| 46 | Trinidad | ..... | 1879 | H. E. Gordon | ..... | 2 | 4 | 6 | 60 | 70 | ..... | No. |
| CONNECTICUT. | | | | | | | | | | | | |
| 47 | Baltic | ..... | 1875 | Sister M. Frances | ..... | 7 | 7 | 50 | 100 | 150 | ..... | No. |
| 48 | Colchester | ..... | 1801 | James R. Tucher | ..... | 1 | 1 | 2 | 19 | 22 | ..... | No. |
| 49 | Cornwall | ..... | 1848 | ..... | ..... | 1 | 3 | 4 | 20 | 40 | ..... | No. |
| 50 | Darien | ..... | 1865 | M. J. Davis | ..... | 3 | 4 | 7 | 40 | 37 | ..... | No. |
| 51 | Glastonbury | ..... | ..... | B. M. Weld | ..... | 2 | 1 | 3 | 29 | 11 | ..... | No. |
| 52 | Mystic Bridge | ..... | 1880 | John K. Bucklyn, A. M., LL. D. | ..... | 4 | 2 | 6 | 5 | 15 | ..... | No. |
| 53 | New Canaan | ..... | 1873 | Mrs. E. F. Ayres | ..... | 1 | 2 | 3 | 12 | 28 | ..... | No. |
| 54 | Norfolk | ..... | 1884 | James A. Towle | ..... | 2 | 1 | 3 | 19 | 6 | ..... | No. |
| 55 | Norwich | ..... | 1854 | Robert P. Koep, Ph. D. | ..... | 6 | 3 | 9 | 127 | 256 | ..... | No. |
| 56 | Simsbury | ..... | 1870 | McLean Seminary | ..... | 2 | 6 | 8 | 20 | 69 | ..... | No. |
| 57 | Southport | ..... | 1866 | Miss Angusta Smith | ..... | 3 | 4 | 7 | 38 | 43 | ..... | No. |
| 58 | Southport | ..... | 1853 | Martin N. Smith, Ph. D. | ..... | 4 | 5 | 9 | 65 | 60 | ..... | No. |
| 59 | Wilton | ..... | 1817 | Edward Olmstead | ..... | 1 | 1 | 17 | 3 | 20 | ..... | No. |
| 60 | Woodbury | ..... | ..... | Edgar H. Grant, A. B. | ..... | 1 | 1 | 2 | 45 | 22 | ..... | No. |
| 61 | Woodstock | ..... | 1891 | W. R. Barber, secretary | ..... | 1 | 1 | 2 | 30 | 16 | ..... | No. |
| DAKOTA. | | | | | | | | | | | | |
| 62 | Arvilla (North Dakota) | ..... | 1889 | Rev. J. A. Brown, A. M. | ..... | 2 | 4 | 6 | 17 | 37 | ..... | No. |
| 63 | Canton (South Dakota) | ..... | 1887 | M. D. Miller, A. M. | ..... | 3 | 1 | 4 | 51 | 28 | ..... | No. |
| 64 | Grand Forks | ..... | 1885 | Mother Stanislaus, superior-tendent | ..... | 12 | 12 | 109 | 158 | 267 | ..... | No. |
| 65 | Groton | ..... | 1895 | Rev. J. A. Marshall, M. A. | ..... | 4 | 1 | 5 | ..... | 58 | ..... | No. |

a Gymnastic drill obligatory.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes. —PART I—Continued.

| Location. | Name of school. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | | Physical culture. | | |
|-----------------------|-----------------------------------------|------------------------------------|------------------|------------------|-------------------------|--------------|---------|----------|-----------|-----------|-----------|-----------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Male. | Female. | Total. | Total preparing for college or scientific course or for classical course in college or scientific school. | Has the school a gymnasium? | Is military drill employed? |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| DAKOTA—continued. | | | | | | | | | | | | | | |
| 66 | Jamestown | James Rogers | 1883 | 1886 | Presb. | 3 | 1 | 4 | 30 | 27 | 57 | 10 | No. | No. |
| 67 | Redfield | Rev. David Beaton, president. | 1887 | 1887 | Cong. | 4 | 2 | 6 | 43 | 51 | 94 | 20 | No. | No. |
| 68 | Scotland (South Dakota). | Geo. S. Fisher, Pr. B. | 1887 | 1876 | Presb. | 1 | 2 | 3 | 43 | 40 | 83 | 5 | No. | No. |
| 69 | Sioux Falls (South Dakota). | Miss Helen S. Peabody ..... | ..... | 1886 | P. E. | 2 | 7 | 9 | 12 | 66 | 78 | 1 ..... | ..... | No. |
| 70 | "do | F. J. Walsh, A. B. | 1884 | 1883 | Baptist ... | 4 | 3 | 7 | 78 | 49 | 127 | 58 | No. | No. |
| DELAWARE. | | | | | | | | | | | | | | |
| 71 | Dover | W. L. Gooding, A. M. | 1873 | 1873 | Meth. | 4 | 4 | 8 | 91 | 71 | 162 | 14 | No. | No. |
| 72 | Milford | Alfred C. Arnold | 1846 | 1884 | Non-sect. .. | 1 | 3 | 4 | 20 | 25 | 45 | 8 | Yes. | No. |
| 73 | Newark | A. N. Raub, Pr. D. | 1769 | 1768 | Non-sect. .. | 2 | 3 | 5 | 64 | 57 | 121 | 14 | Yes. | Yes. |
| 74 | Wilmington (4th and West sts.). | Isaac T. Johnson, A. M. .... | ..... | 1718 | Friends. ... | 4 | 6 | 10 | 109 | 72 | 181 | 12 | Yes. | No. |
| DISTRICT OF COLUMBIA. | | | | | | | | | | | | | | |
| 75 | Washington (1811 Ist. N.W.). | Thos. W. Sidwell ..... | ..... | 1883 | Friends. ... | 3 | 7 | 10 | 103 | 50 | 153 | 14 | No. | No. |
| 76 | Washington (601 East Capitol st.). | Sister M. Aquina | 1878 | 1868 | R. C. | 1 | 8 | 9 | 35 | 112 | 147 ..... | ..... | ..... | ..... |

| No. | Locality | Superintendent | 1853 | Non-sect. | 5 | 1 | 6 | 46 | 20 | 68 | Yea. | No. |
|-----|----------------|-----------------------------------------|-----------------------------------|-----------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | | | |
| 77 | FLORIDA. | East Florida Seminary | Edwin P. Cater, superintendent. | 1853 | 1853 | 1853 | 1853 | 1853 | 1853 | 1853 | 1853 | 1853 |
| 78 | Gainesville | Cookman Institute | Rev. Samuel B. Darnell, B. D. | 1872 | 1872 | 1872 | 1872 | 1872 | 1872 | 1872 | 1872 | 1872 |
| 79 | Key West | Convent of Mary Immaculate. | Sister M. Delphine, superior. | 1868 | 1868 | 1868 | 1868 | 1868 | 1868 | 1868 | 1868 | 1868 |
| 80 | Lake Oak | Florida Institute. | J. L. A. Fish. | 1880 | 1880 | 1880 | 1880 | 1880 | 1880 | 1880 | 1880 | 1880 |
| 81 | Tallahassee. | Seminary West of the Suwannee River. | Geo. M. Edgar, LL. D., president. | 1851 | 1851 | 1851 | 1851 | 1851 | 1851 | 1851 | 1851 | 1851 |
| 82 | GEORGIA. | Aacworth | Miss Marlon Buford, A. M. | 1883 | 1883 | 1883 | 1883 | 1883 | 1883 | 1883 | 1883 | 1883 |
| 83 | Atlanta. | West End Academy* | S. W. J. Lumbin | 1854 | 1854 | 1854 | 1854 | 1854 | 1854 | 1854 | 1854 | 1854 |
| 84 | Atlanta. | Atlanpaleus | S. J. Chesnut | 1855 | 1855 | 1855 | 1855 | 1855 | 1855 | 1855 | 1855 | 1855 |
| 85 | Augusta | Sacred Heart Academy | Sister M. Genevieve | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 |
| 86 | Baldstown | Baldstown Academy | W. B. Crawford | 1870 | 1870 | 1870 | 1870 | 1870 | 1870 | 1870 | 1870 | 1870 |
| 87 | Bluffton | Bluffton High School. | J. N. Rogers | 1860 | 1860 | 1860 | 1860 | 1860 | 1860 | 1860 | 1860 | 1860 |
| 88 | Boston. | Boston Institute | Wm. B. Fambrough, A. M. | 1888 | 1888 | 1888 | 1888 | 1888 | 1888 | 1888 | 1888 | 1888 |
| 89 | Byron | Byron High School. | E. H. Ezell | 1885 | 1885 | 1885 | 1885 | 1885 | 1885 | 1885 | 1885 | 1885 |
| 90 | Cartersville | West End Institute. | Mrs. James W. Harris | 1883 | 1883 | 1883 | 1883 | 1883 | 1883 | 1883 | 1883 | 1883 |
| 91 | Cave Spring | Hearn Institute | E. T. Whitley, A. M. | 1845 | 1845 | 1845 | 1845 | 1845 | 1845 | 1845 | 1845 | 1845 |
| 92 | Cedar Grove | St. Mary's Institute | St. Mary's Institute | 1869 | 1869 | 1869 | 1869 | 1869 | 1869 | 1869 | 1869 | 1869 |
| 93 | Chattanooga. | Walnut Grove Male and Female School. | W. G. Wood | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 |
| 94 | Cochran | Ebenezer College | Palmon J. King | 1887 | 1887 | 1887 | 1887 | 1887 | 1887 | 1887 | 1887 | 1887 |
| 95 | Columbus | Wynnton College. | W. E. Mengley | 1845 | 1845 | 1845 | 1845 | 1845 | 1845 | 1845 | 1845 | 1845 |
| 96 | Crawford | Crawford Academy | A. S. Rhodes | 1873 | 1873 | 1873 | 1873 | 1873 | 1873 | 1873 | 1873 | 1873 |
| 97 | Dawson | South Georgia Male and Female College.* | Morgan L. Parker, A. B. | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 | 1881 |
| 98 | Eastman. | Eastman Academy. | R. J. Strozier | 1878 | 1878 | 1878 | 1878 | 1878 | 1878 | 1878 | 1878 | 1878 |
| 99 | Easton. | Male and Female Academy | E. C. Ravenscroft | 1869 | 1869 | 1869 | 1869 | 1869 | 1869 | 1869 | 1869 | 1869 |
| 100 | Ellijay | Ellijay Academy. | Rev. W. D. Allen | 1874 | 1874 | 1874 | 1874 | 1874 | 1874 | 1874 | 1874 | 1874 |
| 101 | Fort Valley | Male and Female Institute. | W. B. Griffin | 1855 | 1855 | 1855 | 1855 | 1855 | 1855 | 1855 | 1855 | 1855 |
| 102 | Garden Valley. | Oak Grove Academy | F. O. Manchar | 1871 | 1871 | 1871 | 1871 | 1871 | 1871 | 1871 | 1871 | 1871 |
| 103 | Greshamville | Greshamville Academy | J. H. Yarbrough | 1870 | 1870 | 1870 | 1870 | 1870 | 1870 | 1870 | 1870 | 1870 |
| 104 | Harlem | Harlem High School. | J. L. Caldwell | 1869 | 1869 | 1869 | 1869 | 1869 | 1869 | 1869 | 1869 | 1869 |
| 105 | Hartwell | Hartwell High School. | M. S. Strubling, A. M. | 1879 | 1879 | 1879 | 1879 | 1879 | 1879 | 1879 | 1879 | 1879 |
| 106 | Hollonville | Planters High School. | J. B. Matthews | 1870 | 1870 | 1870 | 1870 | 1870 | 1870 | 1870 | 1870 | 1870 |
| 107 | Hoschton | Hoschton High School. | J. A. Moss | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 |
| 108 | Irwinton | Tainage Institute | J. W. Overstreet | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 |
| 109 | Lawrenceville | Lawrenceville Seminary | J. C. Bass | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 |
| 110 | Lexington | Meson Academy | Thos. B. Moss | 1807 | 1807 | 1807 | 1807 | 1807 | 1807 | 1807 | 1807 | 1807 |
| 111 | Lost Mountain | Lost Mountain Academy | Walter McBreath | 1879 | 1879 | 1879 | 1879 | 1879 | 1879 | 1879 | 1879 | 1879 |
| 112 | Madison | Male and Female Institute | E. C. Merry, A. B. | 1875 | 1875 | 1875 | 1875 | 1875 | 1875 | 1875 | 1875 | 1875 |
| 113 | Marshallville. | Marshallville High School. | J. W. Frederick | 1871 | 1871 | 1871 | 1871 | 1871 | 1871 | 1871 | 1871 | 1871 |
| 114 | Monticello | Monticello High School. | W. T. Dumas | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 | 1886 |
| 115 | Norcross | Norcross High School. | N. F. Cooleage | 1872 | 1872 | 1872 | 1872 | 1872 | 1872 | 1872 | 1872 | 1872 |
| 116 | Palmetto | Palmetto High School. | T. H. Meacham | 1880 | 1880 | 1880 | 1880 | 1880 | 1880 | 1880 | 1880 | 1880 |
| 117 | Perry | Houston Male and Female High School. | W. B. Drew | 1855 | 1855 | 1855 | 1855 | 1855 | 1855 | 1855 | 1855 | 1855 |

α Calisthenics.

* Statistics of 1887-88.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89.—Continued.
DIVISION C.—*Private schools for both sexes*—PART I.—Continued.

| Location. | Name of school. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | | Has the school a gymnasium? | Is military drill employed? | |
|--------------------|-----------------|------------------------|------------------|------------------|-------------------------|--------------|---------|--------|-----------|---------|--------|-----------------------------|-----------------------------|-----|
| | | | | | | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| GEORGIA—continued. | | | | | | | | | | | | | | |
| 118 | Powder Springs | F. M. Duncan. | ..... | 1850 | Non-sect.. | 1 | 2 | 3 | 33 | 30 | 63 | 25 | No.. | No. |
| 119 | Powelson | S. N. Chapman. | ..... | ..... | Non-sect.. | 1 | 1 | 2 | 27 | 25 | 52 | ..... | No.. | No. |
| 120 | Putnam | J. L. Collins | ..... | 1879 | Non-sect.. | 1 | 1 | 2 | 34 | 18 | 52 | 2 | No.. | No. |
| 121 | Quitman | Home Wright. | 1867 | 1867 | Non-sect.. | 2 | 1 | 3 | 40 | 40 | 80 | ..... | No.. | No. |
| 122 | Reynolds | C. E. McLaughlin. | 1883 | 1883 | Non-sect.. | 1 | 1 | 2 | 30 | 35 | 65 | 2 | No.. | No. |
| 123 | Ringgold | J. J. Woods. | ..... | 1876 | Non-sect.. | 1 | 2 | 3 | 75 | 80 | 155 | 3 | No.. | No. |
| 124 | Rutledge | A. J. Burress | 1862 | 1862 | Non-sect.. | 1 | 1 | 2 | 60 | 55 | 115 | 6 | No.. | No. |
| 125 | Seneca | P. D. Pollock | ..... | 1882 | Non-sect.. | 1 | 3 | 4 | 63 | 75 | 138 | 9 | No.. | No. |
| 126 | Shady Dale | T. J. Walker | 1840 | 1872 | Non-sect.. | 1 | 1 | 2 | 34 | 36 | 70 | 17 | No.. | No. |
| 127 | Sharon | A. E. Jarrell | ..... | 1879 | Non-sect.. | 1 | 1 | 2 | 30 | 34 | 64 | 18 | No.. | No. |
| 128 | Sharpsburgh | Sharpsburgh Academy | ..... | ..... | Baptist | 1 | 1 | 2 | 32 | 27 | 59 | ..... | No.. | No. |
| 129 | Smyrna | T. D. Power. | ..... | ..... | ..... | 1 | 1 | 2 | 17 | 48 | 65 | ..... | No.. | No. |
| 130 | Snow | J. B. Wight | ..... | 1881 | Meth. | 1 | 1 | 2 | 47 | 46 | 93 | 4 | No.. | No. |
| 131 | Sparta | Chas. E. Little. | 1832 | 1834 | Non-sect.. | 1 | 1 | 2 | 20 | 13 | 33 | 8 | No.. | No. |
| 132 | Stellaville | J. C. Welsh, B. S. | ..... | 1867 | Baptist | 1 | 1 | 2 | 58 | 40 | 98 | 7 | No.. | No. |
| 133 | Stone Mountain | Gaines Veal, secretary | 1876 | 1874 | Non-sect.. | 2 | 2 | 4 | 82 | 72 | 154 | 60 | No.. | No. |
| 134 | Sumach | C. H. Humphreys. | 1878 | 1869 | Non-sect.. | 1 | 1 | 2 | 100 | 60 | 160 | 18 | No.. | No. |
| 135 | Temple | E. L. Connell | ..... | 1882 | Non-sect.. | 1 | 1 | 2 | 87 | 47 | 134 | ..... | No.. | No. |
| 136 | Tennille | J. D. Garner, A. B. | 1875 | 1875 | Non-sect.. | 1 | 3 | 4 | 58 | 71 | 129 | ..... | No.. | No. |
| 137 | Thomaston | G. F. Oliphant | ..... | 1887 | Non-sect.. | 3 | 3 | 6 | 89 | 117 | 206 | 35 | No.. | No. |
| 138 | Thomson | N. E. Ware | ..... | 1881 | Non-sect.. | 1 | 1 | 2 | 31 | 25 | 56 | 19 | No.. | No. |
| 139 | Turin | L. J. Cheely, A. M. | ..... | ..... | Non-sect.. | 1 | 2 | 3 | 37 | 23 | 60 | ..... | No.. | No. |

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.
DIVISION C.—Private schools for both sexes—PART I.—Continued.

| Location. | Name of school. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | | Physical culture. | | |
|-------------------|----------------------|---------------------------------------|---------------------------------------|------------------|-------------------------|--------------|---------|--------|-----------|---------|--------|-----------------------------|-----------------------------|------|
| | | | | | | Male. | Female. | Total. | Male. | Female. | Total. | Has the school a gymnasium? | Is military drill employed? | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| INDIAN TERRITORY. | | | | | | | | | | | | | | |
| 177 | Bacone | Indian University | A. C. Pacione, A. M., president | 1881 | Bapt. | 2 | 5 | 7 | 73 | 48 | 121 | ..... | No. | No. |
| 178 | Muscooge | Harrell International Institute | Theo. F. Brewer ..... | ..... | M. E. So. | 1 | 6 | 7 | 33 | 102 | 135 | ..... | No. | No. |
| 179 | Vinita | Worcester Academy | John McCarthy | 1882 | Non-sect. | 2 | 6 | 8 | 80 | 82 | 162 | 4 | No. | No. |
| IOWA. | | | | | | | | | | | | | | |
| 180 | Ackworth | Ackworth Institute * | W. G. Stanley, superintendent | 1868 | Friends | 1 | 1 | 2 | 41 | 39 | 80 | 11 | ..... | No. |
| 181 | Albion | Albion Seminary | Edwin Dukes | 1874 | M. E. | 2 | 3 | 5 | 55 | 63 | 123 | 29 | No. | No. |
| 182 | Birmingham | Birmingham Academy | J. Wesley Wolf | 1879 | Non-sect. | 1 | 1 | 2 | 21 | 19 | 40 | 16 | ..... | No. |
| 183 | Bloomfield | Normal and Scientific Institute | R. S. Galer, B. PH. | 1878 | ..... | 2 | 2 | 4 | ..... | ..... | 160 | ..... | No. | Yes. |
| 184 | Burlington | First German Evangelical School | F. Glunne | 1842 | Evangel. | 2 | 2 | 4 | 52 | 36 | 88 | ..... | No. | No. |
| 185 | do | German Evangelical Zion School * | F. G. Klein | 1864 | Ger. Ev. | 1 | 1 | 2 | 25 | 25 | 50 | ..... | No. | No. |
| 186 | Decorah | Decorah Institute | J. Breckinridge | 1874 | ..... | 3 | 2 | 5 | 256 | 145 | 401 | 1 | No. | No. |
| 187 | Denmark | Denmark Academy | Alfred S. Johnson, M. A., PH. D. | 1843 | Cong. | 1 | 3 | 4 | 41 | 42 | 83 | 8 | No. | No. |
| 188 | Hull | Hull Educational Institute | Rev. J. B. Chase, A. B. | 1884 | Cong. | 2 | 5 | 7 | 68 | 94 | 162 | 15 | No. | Yes. |
| 189 | Iowa City | Iowa City Academy | Robert H. Tripp, A. M. | 1880 | Non-sect. | 4 | 6 | 10 | 175 | 135 | 310 | ..... | No. | No. |
| 190 | Jefferson | Jefferson Academy | Rev. J. S. Dunning, A. M. | 1875 | ..... | 4 | 2 | 6 | 38 | 49 | 87 | 23 | ..... | Yes. |
| 191 | Knoxville | Knoxville Academy * | W. A. McKee | 1873 | Non-sect. | 1 | 1 | 2 | 9 | 37 | 46 | 1 | ..... | No. |
| 192 | Le Grand | Friends' Academy | L. E. Kenworthy, A. B. | 1876 | Friends | 1 | 1 | 2 | 30 | 24 | 54 | ..... | No. | No. |
| 193 | New Providence | New Providence Academy | C. L. Michener, A. M. | 1869 | Friends | 1 | 2 | 3 | 64 | 48 | 112 | 21 | No. | No. |
| 194 | Newton | Hazel Dell Academy | G. W. Wormley | 1856 | Non-sect. | 2 | 2 | 4 | 72 | 111 | 183 | ..... | No. | No. |
| 195 | New Vienna | St. Boniface * School | B. W. Schulte | 1875 | R. C. | 1 | 3 | 4 | 100 | 140 | 240 | ..... | No. | No. |
| 196 | Orange City | Northwestern Classical Academy | A. Buursma, acting principal | 1882 | Reformed | 1 | 2 | 4 | 49 | 31 | 80 | 47 | No. | No. |

| | | | | | | | | | | | | | | |
|------------|------------------|---------------------------------------------|--------------------------------------|------|------|--------------|---|---|----|-----|-----|-----|------|------|
| 197 | Osgo | Cedar Valley Seminary | Alonso Abernethy, p. d. | 1867 | 1863 | Bapt. | 4 | 3 | 7 | 117 | 86 | 293 | No. | No. |
| 198 | St. Ansgar | St. Ansgar Academy | H. S. Hong | 1878 | 1878 | Lutheran | 2 | 2 | 23 | 17 | 40 | 111 | Yes. | |
| 199 | Salem | Whittier College | V. W. Macy | 1868 | 1868 | Friends | 2 | 1 | 3 | 3 | 11 | 40 | No. | No. |
| 200 | Vinton | Tillott Collegiate Institute | T. F. Tobue | 1871 | 1871 | Non-sect. | 3 | 2 | 5 | 169 | 140 | 36 | 104 | No. |
| 201 | Washington | Washington Academy | S. E. McKee, A. M. | 1872 | 1874 | Non-sect. | 2 | 1 | 3 | 62 | 60 | 122 | 31 | No. |
| 202 | Wilton Junction | Norton Normal and Scientific Academy. | A. L. Brower, B. S. | 1884 | 1866 | Non-sect. | 5 | 1 | 6 | 100 | 80 | 180 | 20 | No. |
| KANSAS. | | | | | | | | | | | | | | |
| 203 | Enterprise | Harrison Normal College | C. L. Shaver, president | 1888 | 1888 | Non-sect. | 4 | 3 | 7 | 52 | 48 | 100 | 44 | No. |
| 204 | Eureka | Southern Kansas Academy | Rev. Arthur T. Burnell, A. M., p. d. | 1885 | 1886 | Cong. | 2 | 5 | 7 | 57 | 64 | 121 | 38 | No. |
| 205 | Lincoln | Kansas Christian College | Thomas Bartlett, A. M., president. | 1884 | 1884 | Christian | 3 | 1 | 4 | 31 | 38 | 69 | 4 | No. |
| 206 | Tonganoxie | Friends' Academy | H. C. Feltton | 1885 | 1884 | Friends | 1 | 1 | 2 | 33 | 40 | 73 | | No. |
| 207 | Wichita | Lewis Academy | J. M. Naylor, A. M. | 1884 | 1886 | P. E. S. B. | 2 | 6 | 8 | 112 | 163 | 275 | 71 | No. |
| 208 | Winfield | Southwest Kansas College. | John E. Earp, president | 1885 | 1886 | M. E. | 5 | 1 | 6 | 50 | 55 | 105 | 50 | No. |
| KENTUCKY. | | | | | | | | | | | | | | |
| 209 | Bardonia | Male and Female Institute. | H. J. Greenwall, A. M., president. | 1885 | 1885 | Bapt. | 3 | 4 | 7 | 54 | 28 | 82 | 35 | Yes. |
| 210 | Buffalo | East Lynn College. | H. A. Beauchamp | 1879 | 1875 | | 2 | 1 | 3 | 100 | 50 | 150 | No. | No. |
| 211 | Fredonia | Fredonia Seminary | T. J. Clurey | 1880 | 1880 | C. P. Presb. | 1 | 1 | 2 | 47 | 46 | 93 | 3 | No. |
| 212 | Fulton | The Welch High School | Mrs. S. H. Welch | 1877 | 1868 | Non-sect. | 1 | 3 | 4 | 72 | 69 | 141 | No. | No. |
| 213 | Henderson | Henderson High School | Ruth Priest | | | Non-sect. | 1 | 3 | 4 | 40 | 42 | 82 | No. | No. |
| 214 | Hiseville | Hiseville Institute | Powell Black | 1877 | 1877 | Non-sect. | 1 | 2 | 3 | | | | Yes. | No. |
| 215 | Jackson | Jackson Academy | John Jay Dickey | 1884 | 1883 | Non-sect. | 2 | 1 | 3 | 70 | 45 | 115 | No. | No. |
| 216 | La Fayette | La Fayette High School | S. L. Frogge, A. M. | 1860 | 1860 | Non-sect. | 1 | 3 | 4 | 46 | 26 | 71 | 32 | No. |
| 217 | Leitchfield | Grayson Seminary | W. P. Arnold | 1869 | 1869 | Non-sect. | 2 | 1 | 3 | 70 | 30 | 100 | No. | No. |
| 218 | Louisville | Presentation Academy | Sister Sophia | 1827 | 1827 | R. C. | 7 | 7 | 7 | 20 | 80 | 100 | 52 | No. |
| 219 | Olmstead | Browder Institute | James C. Vock | 1868 | 1868 | Non-sect. | 1 | 2 | 3 | 33 | 31 | 64 | 28 | No. |
| 220 | Princeton | Princeton Collegiate Institute | Rev. Herman H. Allen, D. D. | 1882 | 1880 | Presb. | 2 | 6 | 8 | 44 | 64 | 108 | 1 | No. |
| 221 | Russellville | Miss Sevier's College | Miss Elizabeth Sevier | 1864 | 1864 | P. E. | 1 | 5 | 6 | 11 | 18 | 29 | 1 | No. |
| 222 | Sharpsburgh | Male and Female College. | | 1849 | | Non-sect. | 1 | | | | | 136 | | No. |
| 223 | South Carrollton | West Kentucky Classical and Normal College. | J. R. Barned, secretary | 1872 | 1870 | Non-sect. | 7 | 6 | 13 | 107 | 94 | 201 | 74 | No. |
| 224 | Versailles | Rose Hill Seminary | Mrs. Gillie B. Crenshaw | 1882 | 1875 | Christian | 1 | 8 | 9 | 23 | 60 | 83 | 18 | (a) |
| 225 | Wallonia | Wallonia Institute | George D. Price | 1837 | 1847 | Non-sect. | 1 | 2 | 3 | 41 | 29 | 73 | 29 | No. |
| 226 | Winchester | Winchester Collegiate Academy | Rev. Wm. Stewart, M. A., D. D. | 1877 | 1872 | Non-sect. | 2 | 3 | 5 | 31 | 32 | 123 | 32 | No. |
| 227 | Wingo | Wingo College | A. M. Kirkland | 1884 | 1884 | Baptist | 1 | 2 | 3 | | | | | No. |
| LOUISIANA. | | | | | | | | | | | | | | |
| 228 | Aracata | Male and Female College. | J. W. Beeson | 1866 | 1866 | Non-sect. | 2 | 6 | 8 | 75 | 125 | 200 | 27 | Yes. |
| 229 | Baton Rouge | St. Mary's School | Miss L. F. Smith | 1889 | 1888 | P. E. | 5 | 5 | 5 | 5 | 56 | 61 | No. | No. |
| 230 | Coushatta | do | C. L. Davis, A. M., president | 1887 | 1887 | Baptist | 1 | 4 | 5 | 87 | 88 | 175 | 45 | Yes. |
| 231 | Mount Lebanon | Mount Lebanon College. | Rev. G. W. Griffin, D. D. | 1853 | 1853 | Baptist | 7 | 7 | 14 | | | | (a) | Yes. |

* Statistics of 1887-88.

a Calisthenics.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.
DIVISION C.—*Private schools for both sexes.*—PART I—Continued.

| Location. | Name of school. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | Students. | | | | Physical culture. | | |
|-------------------|-----------------------------------|---------------------------------------|------------------|------------------|-------------------------|--------------|---------|-----------|-------|---------|--------|------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Male. | Female. | Total. | Total preparing for college classical course, or for scientific course in college or scientific school. | Has the school a gymna- sium? | Is military drill employed? |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| LOUISIANA—cont'd. | | | | | | | | | | | | | | |
| 232 | New Orleans (185 N. Rampart st.). | Columbian Institute | | | | 2 | 9 | 11 | | | 70 | 20 | No. | No. |
| 233 | New Orleans (seventh district). | German Evangelical Protestant School. | 1871 | 1871 | Ev. Prot. | 2 | | 2 | 50 | 41 | 91 | | No. | No. |
| 234 | New Orleans (372 Esplanade st.). | Picard Institute | | 1880 | R. C. | 2 | 14 | 16 | 30 | 80 | 110 | 10 | (a) | No. |
| 235 | Winsted | Gilbert Academy. | | 1881 | M. E. | 6 | 6 | 12 | 149 | 150 | 299 | | No. | No. |
| MAINE. | | | | | | | | | | | | | | |
| 236 | Bethel | Gould Academy. | 1836 | 1830 | Cong. | 2 | 1 | 3 | 58 | 56 | 114 | 8 | No. | No. |
| 237 | Bucksport | East Maine Conference Academy. | 1850 | 1851 | M. E. | 5 | 4 | 9 | 160 | 123 | 283 | 30 | No. | Yes. |
| 238 | Corinna | Union Academy. | | | Non-sect. | 1 | 1 | 2 | 34 | 38 | 72 | 12 | No. | No. |
| 239 | Cumberland Centre. | Greely Institute. | 1859 | 1857 | | 2 | 1 | 3 | 41 | 40 | 81 | 5 | No. | No. |
| 240 | Freedom | Freedom Academy. | 1836 | 1838 | | 1 | 2 | 3 | 30 | 28 | 58 | | No. | No. |
| 241 | Fryeburgh | Fryeburgh Academy. | | 1793 | Cong. | 2 | 4 | 6 | 60 | 40 | 100 | 18 | No. | No. |
| 242 | Gardiner | Gardiner High School. | 1886 | | | 1 | 2 | 3 | 45 | 54 | 99 | 3 | No. | No. |
| 243 | Gray | Pennell Institute. | | 1846 | Non-sect. | 1 | 3 | 4 | 45 | 55 | 100 | 13 | No. | No. |
| 244 | Hampden | Hampden Academy. | 1893 | 1895 | Non-sect. | 2 | 2 | 4 | 160 | 149 | 309 | 19 | No. | No. |
| 245 | Houlton | Ricker Classical Institute. | 1847 | 1847 | Baptist | 2 | 4 | 6 | 73 | 86 | 164 | 21 | No. | No. |
| 246 | Linington | Linington Academy. | 1848 | 1851 | Non-sect. | 1 | 1 | 2 | 57 | 40 | 97 | 34 | | No. |
| 247 | New Castle. | Lincoln Academy. | 1801 | 1804 | Non-sect. | 1 | 3 | 4 | 74 | 70 | 144 | 52 | | No. |
| 248 | Norridgewock | English and Classical Institute. | 1865 | 1865 | Non-sect. | 2 | 2 | 4 | 70 | 40 | 110 | 20 | No. | No. |

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89.—Continued.
DIVISION C.—Private schools for both sexes.—PART I—Continued.

| Location. | Name of school. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | | | Physical culture. | |
|--------------------------|---------------------------------|---------------------------------------|------------------|------------------|-------------------------|--------------|---------|--------|-----------|---------|--------|------------------------------------------------------------------------------------|-----------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Male. | Female. | Total. | Total preparing for college classical course, or for scientific course in college. | Has the school a gymnasium? | Is military drill employed? |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| MASSACHUSETTS—continued. | | | | | | | | | | | | | | |
| 287 | Natick (box 1218)..... | Mrs. Potter's Home School..... | ..... | 1885 | Non-sect..... | ..... | 5 | 5 | 11 | 17 | 28 | 7 | No.. | No.. |
| 288 | New Bedford..... | Thomas H. Eckfeldt, A. B..... | 1812 | 1811 | Non-sect..... | 1 | 4 | 5 | 15 | 26 | 41 | 6 | Yes | No.. |
| 289 | Newburyport..... | E. C. Adams..... | ..... | ..... | Non-sect..... | 2 | 3 | 5 | 34 | 49 | 83 | 10 | No.. | No.. |
| 290 | New Salem..... | L. D. Gilbert..... | 1795 | 1795 | Non-sect..... | 1 | 0 | 1 | 12 | 16 | 28 | 2 | No.. | No.. |
| 291 | Newton Centre (Pelham st.)..... | Miss Ellen W. Cook..... | ..... | 1882 | Non-sect..... | 0 | 2 | 2 | 7 | 19 | 26 | ..... | No.. | No.. |
| 292 | Roxbury..... | Elizabeth Curtis..... | ..... | 1885 | Non-sect..... | ..... | 8 | 8 | 20 | 40 | 60 | 6 | No.. | No.. |
| 293 | Shelburne Falls..... | Frederic A. Tupper, A. B..... | 1860 | 1880 | Non-sect..... | 2 | 2 | 4 | 44 | 62 | 106 | 13 | No.. | No.. |
| 294 | South Braintree..... | J. B. Sewall, A. M., head-master..... | 1879 | 1877 | Non-sect..... | 6 | 1 | 7 | 30 | 74 | 104 | 15 | No.. | No.. |
| 295 | South Lancaster..... | George W. Caviness..... | 1883 | 1882 | 7-Day Ad..... | 2 | 6 | 8 | 40 | 41 | 81 | 31 | No.. | No.. |
| 296 | Taunton..... | Wm. A. Palmer..... | 1794 | 1796 | Non-sect..... | 3 | 3 | 6 | 74 | 46 | 120 | 21 | No.. | No.. |
| 297 | Westford..... | Wm. E. Frost, A. M..... | 1793 | 1792 | Non-sect..... | 1 | 2 | 3 | 24 | 23 | 47 | 7 | No.. | No.. |
| 298 | West Newton..... | Nath'l T. Allen..... | 1855 | 1854 | Non-sect..... | 7 | 7 | 14 | 65 | 30 | 95 | 30 | Yes | No.. |
| 299 | Wilbraham..... | Rev. G. M. Steele, LL. D..... | 1824 | 1825 | M. E..... | 8 | 6 | 14 | 179 | 135 | 305 | 67 | Yes | No.. |
| MICHIGAN. | | | | | | | | | | | | | | |
| 300 | Adrian..... | F. R. Hathaway, B. S..... | ..... | 1849 | Friends..... | 2 | 1 | 3 | 46 | 43 | 89 | 28 | No.. | No.. |
| 301 | Marquette..... | St. Joseph's Academy..... | 1869 | 1868 | R. C..... | ..... | 8 | 8 | 110 | 170 | 280 | ..... | No.. | No.. |
| 302 | Owosso..... | Mrs. L. E. Gould..... | ..... | 1883 | Non-sect..... | ..... | 3 | 3 | 60 | 50 | 110 | ..... | No.. | No.. |
| 303 | Port Huron..... | Sister Mary Josephine..... | ..... | 1880 | R. C..... | ..... | 13 | 13 | 130 | 250 | 380 | ..... | No.. | No.. |
| 304 | Spring Arbor..... | Rev. A. H. Stilwell, A. M..... | 1872 | 1874 | Free Meth..... | 4 | 1 | 5 | 65 | 62 | 127 | 17 | No.. | No.. |

| MINNESOTA. | | MINNEAPOLIS (1314 Fourth st., SE.). | | MINNEAPOLIS ACADEMY..... | | Eugene D. Holmes, M. A..... | | | | 1879 | | Non-sect.. | | 3 | | 3 | | 6 | | 115 | | 45 | | 100 | | 80 | | No. | | No. | |
|--------------|-------------------------------|----------------------------------------|------------------------------------------------|-----------------------------|---------------|-----------------------------|------------|-------|-------|-------|-------|------------|------|------|------|-----|--|---|--|-----|--|----|--|-----|--|----|--|-----|--|-----|--|
| 305 | Minneapolis | Fourth st., SE.). | Minneapolis Academy..... | Eugene D. Holmes, M. A..... | | 1879 | Non-sect.. | 3 | 3 | 6 | 115 | 45 | 100 | 80 | No. | No. | | | | | | | | | | | | | | | |
| 306 | Montevideo. | Western Minnesota Seminary..... | James T. Fairchild..... | 1886 | Cong..... | 2 | 3 | 5 | 56 | 35 | 91 | 20 | Yes. | No. | No. | | | | | | | | | | | | | | | | |
| 307 | Owatonna. | Pillsbury Academy..... | James W. Ford..... | 1877 | Bapt..... | 1 | 4 | 7 | 61 | 61 | 122 | 23 | Yes. | No. | No. | | | | | | | | | | | | | | | | |
| 308 | St. Paul (440 Fort st.). | Assumption School..... | Sisters Notre Dame..... | 1877 | R. C..... | 1 | 7 | 8 | 256 | 217 | 512 | 23 | Yes. | No. | No. | | | | | | | | | | | | | | | | |
| 309 | St. Paul (24 Summit ave.). | Baldwin Seminary..... | Clinton J. Backus..... | 1853 | Non-sect..... | 2 | 7 | 9 | 65 | 80 | 145 | 19 | No. | No. | No. | | | | | | | | | | | | | | | | |
| 310 | St. Peter..... | Gustavus Adolphus College..... | Rev. M. Wahlstrom, A. M..... | 1874 | Lutheran..... | 18 | 1 | 19 | 197 | 75 | 272 | Yes. | No. | No. | No. | | | | | | | | | | | | | | | | |
| 311 | Waseota..... | Wesleyan Methodist Seminary..... | L. H. Tucker, trustee..... | 1873 | W. Meth..... | 1 | 2 | 3 | 22 | 27 | 49 | 10 | No. | No. | No. | | | | | | | | | | | | | | | | |
| 312 | Willmar..... | Minnesota Lutheran Seminary..... | H. S. Lilleboe, A. M..... | 1852 | Lutheran..... | 5 | 2 | 7 | 225 | 66 | 301 | 7 | No. | No. | No. | | | | | | | | | | | | | | | | |
| MISSISSIPPI. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 313 | Beth Eden..... | Beth Eden Collegiate Institute..... | Rev. J. R. Horvorth, A. B..... | 1878 | Lutheran..... | 1 | 2 | 3 | 50 | 40 | 90 | 18 | No. | No. | No. | | | | | | | | | | | | | | | | |
| 314 | Black Hawk..... | Winona District High School..... | L. B. Abell..... | 1875 | Meth..... | 1 | 2 | 3 | 60 | 43 | 103 | 66 | No. | No. | No. | | | | | | | | | | | | | | | | |
| 315 | Booneville..... | Booneville Institute..... | J. C. Bryson, R. S..... | 1883 | Non-sect..... | 1 | 4 | 5 | 73 | 83 | 138 | 6 | No. | No. | No. | | | | | | | | | | | | | | | | |
| 316 | Daleville..... | Cooper Normal College..... | Tom G. McLeath, president..... | 1885 | Non-sect..... | 5 | 2 | 8 | 120 | 135 | 255 | 112 | No. | No. | No. | | | | | | | | | | | | | | | | |
| 317 | Hamlet..... | Jasper Normal High School..... | S. T. King, A. B..... | 1889 | Non-sect..... | 2 | 4 | 8 | 85 | 60 | 145 | 9 | No. | No. | No. | | | | | | | | | | | | | | | | |
| 318 | Hampden..... | Gulf Coast College..... | J. A. Haddestad, A. M..... | 1882 | Presb..... | 1 | 5 | 6 | 38 | 27 | 65 | 23 | No. | No. | No. | | | | | | | | | | | | | | | | |
| 319 | Harpersborough..... | Harpersville College..... | C. A. Haddestad, A. M., presi- dent..... | 1881 | Non-sect..... | 4 | 3 | 7 | 69 | 57 | 125 | 81 | (a) | Yes. | Yes. | | | | | | | | | | | | | | | | |
| 320 | Jackson..... | Jackson Collegiate Academy*..... | T. A. S. Adams..... | 1883 | Meth..... | 3 | 3 | 38 | 9 | 47 | ..... | ..... | No. | No. | No. | | | | | | | | | | | | | | | | |
| 321 | Lexington..... | Lexington Normal College..... | L. T. Dickey, co-principal..... | 1886 | Non-sect..... | 5 | 5 | 10 | 109 | 105 | 214 | 35 | No. | No. | No. | | | | | | | | | | | | | | | | |
| 322 | Meridian..... | Meridian Academy..... | J. H. Brooks, A. M..... | 1875 | M. E..... | 1 | 2 | 3 | 67 | 118 | 185 | 66 | No. | No. | No. | | | | | | | | | | | | | | | | |
| 323 | Molino..... | Cool Springs Academy..... | Frank McWhorter..... | 1885 | Non-sect..... | 1 | 2 | 3 | 40 | 45 | 85 | ..... | No. | No. | No. | | | | | | | | | | | | | | | | |
| 324 | Pittsborough..... | Male and Female College..... | W. W. Rivers..... | 1886 | Non-sect..... | 1 | 2 | 3 | 30 | 65 | 95 | 30 | No. | No. | No. | | | | | | | | | | | | | | | | |
| 325 | Ripley..... | do *..... | J. B. Williams..... | 1886 | Non-sect..... | 1 | 4 | 5 | 80 | 70 | 150 | ..... | No. | No. | No. | | | | | | | | | | | | | | | | |
| 326 | Sylvania..... | Sylvania High School..... | W. S. Huddleston, A. M..... | 1889 | Non-sect..... | 2 | 2 | 4 | 57 | 65 | 122 | 30 | No. | No. | No. | | | | | | | | | | | | | | | | |
| 327 | Verona..... | North Mississippi College..... | Dr. T. C. Wear, president..... | 1889 | Non-sect..... | 2 | 2 | 4 | 60 | 70 | 130 | ..... | No. | No. | No. | | | | | | | | | | | | | | | | |
| MISSOURI. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 328 | Ashley..... | Watson Seminary..... | Rev. J. H. Pipet, R. S., A. M..... | 1847 | Non-sect..... | 3 | 3 | 6 | 36 | 36 | 72 | ..... | No. | No. | No. | | | | | | | | | | | | | | | | |
| 329 | Aurora Springs..... | Aurora Springs Academy..... | W. M. Lumpkin, secretary..... | 1886 | Non-sect..... | 1 | 2 | 3 | 86 | 99 | 185 | 50 | No. | No. | No. | | | | | | | | | | | | | | | | |
| 330 | Boonville..... | Cooper Institute..... | Anthony Haynes, A. M..... | 1870 | Non-sect..... | 1 | 2 | 3 | 25 | 35 | 60 | 26 | No. | No. | No. | | | | | | | | | | | | | | | | |
| 331 | Brashear..... | Brashear Academy..... | J. S. Bailey, R. S..... | 1834 | Non sect..... | 1 | 2 | 2 | 50 | 30 | 80 | ..... | (a) | No. | No. | | | | | | | | | | | | | | | | |
| 332 | Brookfield..... | Brookfield College*..... | Rev. J. F. Finley, D. D..... | 1886 | Presb..... | 2 | 1 | 4 | 49 | 43 | 92 | 28 | No. | No. | No. | | | | | | | | | | | | | | | | |
| 333 | Butler..... | Butler Academy..... | Elliott Pyle, president board trustees..... | 1888 | Presb..... | 2 | 1 | 3 | 45 | 30 | 75 | ..... | No. | No. | No. | | | | | | | | | | | | | | | | |
| 334 | Caledonia..... | Bellevue Collegiate Institute..... | W. D. Vandiver, III, R., presi- dent..... | 1867 | M. E. So..... | 3 | 3 | 6 | 70 | 76 | 146 | ..... | No. | No. | No. | | | | | | | | | | | | | | | | |
| 335 | Cameron..... | Mrs. Tiernan's Home School..... | Mrs. S. B. Tiernan..... | 1870 | ..... | 3 | 3 | 3 | 20 | 20 | 40 | ..... | No. | No. | No. | | | | | | | | | | | | | | | | |
| 336 | Cassville..... | Cassville Collegiate Institute..... | N. L. Maiden..... | 1880 | Non sect..... | 2 | 2 | 4 | 201 | 197 | 398 | 39 | No. | No. | No. | | | | | | | | | | | | | | | | |
| 337 | Clarksburgh..... | Clarksburgh College *..... | L. R. Willey..... | 1886 | Non sect..... | 4 | 0 | 4 | 43 | 32 | 75 | 20 | No. | No. | No. | | | | | | | | | | | | | | | | |
| 338 | do..... | Hooper Institute..... | H. P. Hooper..... | 1876 | Non-sect..... | 2 | 2 | 2 | 48 | 28 | 76 | 8 | No. | No. | Yes. | | | | | | | | | | | | | | | | |
| 339 | Clinton..... | Clinton Academy..... | E. P. Lampkin, A. M..... | 1885 | Non-sect..... | 4 | 4 | 8 | 67 | 31 | 98 | 50 | No. | No. | Yes. | | | | | | | | | | | | | | | | |
| 340 | College Mound..... | College Mound Institute..... | Geo. Murray..... | 1883 | Bapt..... | 2 | 1 | 3 | ..... | ..... | 56 | ..... | No. | No. | Yes. | | | | | | | | | | | | | | | | |
| 341 | Edina..... | St. Joseph's Academy..... | Sisters of Loreto..... | 1865 | R. C..... | 2 | 1 | 3 | ..... | ..... | 95 | ..... | No. | No. | Yes. | | | | | | | | | | | | | | | | |

a Calisthenics.

* Statistics of 1887-88.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes.—PART I—Continued.

| Location. | Name of school. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | | | Physical culture. | |
|----------------------------------------|----------------------------------------|---------------------------------------|------------------|------------------|-------------------------|--------------|---------|--------|-----------|---------|--------|---------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Male. | Female. | Total. | Total preparing for college classical course, or for scientific course in college or scientific school. | Has the school a gymnasium? | Is military drill employed? |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| MISSOURI—continued. | | | | | | | | | | | | | | |
| 342 Farmington | Farmington Baptist College..... | E. J. Jennings, president..... | ..... | 1866 | Mia. Bapt. | 3 | ..... | 3 | 63 | 33 | 96 | ..... | No. | No. |
| 343 Gravelton | English Concordia College..... | Rev. L. M. Wagner, A. M., pres-ident. | 1886 | 1885 | Lutheran. | 2 | ..... | 2 | 60 | 61 | 121 | 83 | Yes. | No. |
| 344 Greenfield | Ozark College | E. Allen Frost, A. B., president | ..... | ..... | Cunh. P. | 2 | 4 | 6 | ..... | ..... | 180 | ..... | No. | No. |
| 345 Henderson | Henderson Academy | J. N. Anderson ..... | ..... | 1879 | Non-sect. | 1 | 2 | 3 | 68 | 57 | 125 | 96 | No. | No. |
| 346 Houston | Houston Institute | G. W. White | 1884 | 1872 | Non-sect. | 2 | 3 | 5 | 146 | 167 | 313 | 185 | Yes. | No. |
| 347 Humphreys | Humphreys College | G. A. Smith, A. M., president ..... | ..... | 1884 | ..... | 5 | 3 | 8 | 100 | 96 | 196 | ..... | No. | No. |
| 348 Kansas City (1001 McGee st.) | German-English School..... | F. A. Hess ..... | ..... | 1859 | ..... | 2 | 1 | 3 | 25 | 30 | 55 | ..... | No. | No. |
| 349 Kirkwood | Glendale Institute | E. A. Haught | 1882 | 1882 | Non-sect. | 4 | 5 | 9 | 36 | 24 | 60 | 6 | No. | Yes. |
| 350 La Belle | Western Academy ..... | ..... | 1889 | 1880 | Non-sect. | 4 | 3 | 7 | 59 | 69 | 109 | ..... | No. | No. |
| 351 Louisiana | McCune College | Rev. H. T. Morton, A. M., pres-ident. | 1881 | 1880 | Baptist | 1 | 5 | 6 | 42 | 61 | 103 | 92 | Yes. | No. |
| 352 Marble Hill | Mayfield-Smith Academy | Miss Jane R. Parke ..... | ..... | 1873 | Baptist | 1 | 2 | 3 | 39 | 40 | 79 | 6 | No. | Yes. |
| 353 Marionville | Marionville Collegiate Institute | T. H. Kendall | 1872 | 1876 | M. E. | 3 | 5 | 8 | 87 | 71 | 158 | ..... | No. | No. |
| 354 Novelty | Oaklawn College | J. C. Custer ..... | ..... | 1876 | Non-sect. | 5 | 1 | 6 | ..... | ..... | 55 | ..... | No. | No. |
| 355 Odessa | Odessa College | W. W. Grube, A. M., president | 1886 | 1885 | Non-sect. | 3 | 1 | 4 | 53 | 50 | 103 | 38 | No. | No. |
| 356 Ottaville | Ottaville College | J. V. Curlin, president | 1886 | 1885 | Non-sect. | 2 | 2 | 4 | 60 | 40 | 100 | ..... | No. | Yes. |
| 357 Palmyra | Centenary High School | Jas. A. Lanius | 1884 | 1884 | M. E. So. | 5 | 5 | 10 | 90 | 93 | 183 | ..... | No. | No. |
| 358 do | St. Joseph's School | Rev. P. Leonard ..... | ..... | 1879 | R. C. | 1 | 2 | 3 | 18 | 22 | 40 | ..... | No. | No. |
| 359 do | St. Paul's College | Rev. T. A. Wainwright | 1852 | 1848 | P. E. | 1 | 3 | 4 | 12 | 38 | 50 | ..... | No. | No. |
| 360 Parkville | Park College Academy | L. M. McAlister, A. M. .... | ..... | 1875 | Presb. | 1 | 4 | 5 | 80 | 85 | 165 | 165 | No. | No. |

| | | | W. H. Pritchett, A. M., president. | 1868 | 1869 | Non-sect. | 3 | 2 | 5 | 40 | 75 | 115 | 90 | Yes. | No. |
|----------------|-------------------|----------------------------------|----------------------------------------|------|------|------------|---|---|-----|-------|-------|-------|-------|-------|------|
| 361 | Paynesville. | Paynesville School Institute | W. H. Pritchett, A. M., president. | 1868 | 1869 | Non-sect. | 3 | 2 | 5 | 40 | 75 | 115 | 90 | Yes. | No. |
| 362 | Pilot Grove. | Pilot Grove Collegiate Institute | D. Lee Roe, A. M. | 1880 | 1878 | Non-sect. | 4 | 4 | 8 | 86 | 84 | 170 | 120 | No. | Yes. |
| 363 | Plattsburgh | Plattsburgh College. | J. W. Ellis, A. M., Ph.D., president. | 1881 | 1880 | Non-sect. | 3 | 2 | 5 | 72 | 60 | 133 | ..... | No. | No. |
| 364 | Rensselaer. | Van Rensselaer Academy | E. T. Hornbeck | 1852 | 1852 | Presb. | 1 | 1 | 1 | 12 | 11 | 23 | ..... | No. | No. |
| 365 | Seymour. | Mountain Dale Seminary | T. H. Purcell | 1872 | 1872 | Non-sect. | 1 | 2 | 2 | 27 | 32 | 59 | 7 | No. | No. |
| 366 | Spring Garden. | Miller County Institute | J. Roberts | 1879 | 1879 | Non-sect. | 2 | 3 | 5 | 42 | 43 | 85 | 6 | No. | No. |
| 367 | Weaubleau | Weaubleau Christian Institute | John Whitaker, president | 1869 | 1873 | Christian | 2 | 1 | 3 | 64 | 50 | 114 | ..... | No. | No. |
| NEBRASKA. | | | | | | | | | | | | | | | |
| 368 | Beatrice. | Blake School | Henry N. Blake | 1881 | 1881 | ..... | 1 | 1 | 2 | 52 | 65 | 117 | ..... | (a) | No. |
| 369 | Franklin. | Franklin Academy | Alexis C. Hart, A. M. | 1881 | 1881 | Cong. | 5 | 2 | 7 | 74 | 67 | 141 | 24 | No. | Yes. |
| 370 | Hastings | Hastings College. | Rev. W. F. Kingland, A. M., president. | 1882 | 1882 | Presb. | 5 | 4 | 9 | 50 | 66 | 116 | 100 | No. | No. |
| 371 | Oakdale | Oakdale Seminary | Rev. H. Wilson, president. | 1881 | 1882 | Presb. | 1 | 1 | 1 | 15 | 8 | 23 | ..... | No. | No. |
| 372 | Patsumouth | St. John's School | Mother Alphonsa, O. S. D. | 1883 | 1883 | R. C. | 8 | 8 | 100 | 150 | 250 | ..... | 11 | No. | No. |
| 373 | Walton | Luther Academy | Prof. S. M. Hill | 1883 | 1883 | Ev. Luth. | 3 | 2 | 5 | 64 | 28 | 92 | ..... | No. | No. |
| NEW HAMPSHIRE. | | | | | | | | | | | | | | | |
| 374 | Andover. | Proctor Academy | A. L. Hodges, A. P. | 1889 | 1881 | Unitarian. | 1 | 3 | 4 | 21 | 45 | 66 | 6 | No. | No. |
| 375 | Atkinson. | Atkinson Academy | Freeman B. Rice | 1791 | 1789 | Non-sect. | 1 | 1 | 2 | 27 | 24 | 51 | 15 | No. | No. |
| 376 | Candia Village | Candia Village High School | Hattie Johnson | 1878 | 1878 | Non-sect. | 1 | 1 | 1 | 40 | 35 | 75 | ..... | No. | No. |
| 377 | Colebrook | Colebrook Academy | J. H. Dudley, chairman. | 1814 | 1815 | Non-sect. | 4 | 2 | 6 | 68 | 60 | 128 | 43 | Yes | No. |
| 378 | Derry. | Pinkerton Academy | G. W. Bingham, A. M. | 1883 | 1883 | Non-sect. | 1 | 3 | 4 | 63 | 51 | 114 | 15 | No. | No. |
| 379 | Epping. | Watson Academy | Elmer E. French | 1794 | 1794 | Non-sect. | 2 | 2 | 4 | 26 | 27 | 53 | 5 | No. | No. |
| 380 | Gilmanton. | Gilmanton Academy | S. W. Robertson, A. M. | 1810 | 1811 | Non-sect. | 1 | 2 | 3 | 33 | 35 | 68 | ..... | (a) | No. |
| 381 | Hampton. | Hampton Academy | J. Sanborn | 1793 | 1888 | Non-sect. | 1 | 2 | 3 | 40 | 50 | 90 | 9 | No. | No. |
| 382 | Haverhill. | Haverhill Academy | C. H. Morrill | 1883 | 1888 | Non-sect. | 2 | 4 | 6 | 43 | 56 | 99 | 6 | No. | No. |
| 383 | Kingston. | Sanborn Seminary | Charles H. Clark | 1828 | 1829 | Non-sect. | 1 | 1 | 2 | 42 | 58 | 100 | 10 | No. | No. |
| 384 | Langcaster | Langcaster Academy* | D. T. Timberlake | 1837 | 1887 | Non-sect. | 1 | 1 | 2 | 15 | 10 | 25 | ..... | No. | No. |
| 385 | Mount Vernon | McCollum Institute. | Mrs. O. F. Davis | 1837 | 1887 | Non-sect. | 1 | 1 | 2 | 15 | 10 | 25 | ..... | No. | No. |
| 386 | New Hampton. | New Hampton Literary Institution | Frank W. Preston, associate principal. | 1853 | 1853 | F. W. B. | 6 | 3 | 9 | ..... | ..... | ..... | ..... | No. | No. |
| 387 | New London | Colby Academy | James P. Dixon, A. M. | 1853 | 1853 | Baptist | 3 | 4 | 7 | 47 | 57 | 104 | 18 | Yes. | No. |
| 388 | Northwood Centre. | Coe's Northwood Academy | E. L. Blaine, A. M. | 1867 | 1866 | Non-sect. | 1 | 1 | 3 | 15 | 15 | 30 | 7 | Yes. | No. |
| 389 | Northwood Ridge | Northwood Seminary | J. H. Hine, A. M. | 1866 | 1867 | Free Bapt. | 2 | 1 | 3 | 39 | 20 | 59 | 9 | No. | No. |
| 390 | Pembroke | Pembroke Academy | Isaac Walker, A. M. | 1818 | 1819 | Cong. | 1 | 2 | 3 | 27 | 43 | 70 | 22 | No. | No. |
| 391 | Portsmouth | Smith's Academy | Lewis E. Smith | 1873 | 1873 | ..... | 2 | 1 | 3 | 45 | 12 | 57 | 14 | ..... | No. |
| 392 | Reed's Ferry. | McGraw Normal Institute | F. E. Burnette | 1849 | 1849 | Non-sect. | 1 | 3 | 4 | 23 | 25 | 48 | 6 | No. | No. |
| 393 | South Hampton. | Barnard School | Jane A. Darvey | 1841 | 1841 | Non-sect. | 1 | 1 | 1 | 11 | 7 | 18 | ..... | No. | No. |
| 394 | Stratford. | Academy | I. Copp | 1834 | 1834 | Non-sect. | 1 | 1 | 2 | 35 | 23 | 58 | 6 | No. | No. |
| 395 | Warner. | Simonds Free High School | E. P. Barker | 1871 | 1871 | Non-sect. | 1 | 2 | 3 | 28 | 27 | 55 | 1 | No. | No. |
| 396 | Wolfeborough. | Brewster Free Academy | E. H. Lord, A. M. | 1887 | 1887 | Non-sect. | 3 | 3 | 6 | 55 | 61 | 116 | 10 | No. | Yes. |
| NEW JERSEY. | | | | | | | | | | | | | | | |
| 397 | Belvidere. | Belvidere Academy | George H. Hooper, A. M. | 1886 | 1886 | Non-sect. | 1 | 2 | 3 | 17 | 19 | 36 | 8 | No. | No. |
| 398 | Beverly. | Farmum Preparatory School | James B. Dilko, A. M. | 1855 | 1856 | Non-sect. | 1 | 3 | 4 | 49 | 61 | 110 | 5 | No. | No. |

a Calisthenics.

* Statistics of 1887-88.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes.—PART I—Continued.

| Location. | Name of school. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | | Physical culture. | | |
|--------------------|------------------------------|-------------------------------------|-------------------------------------------------|------------------|-------------------------|--------------|---------|--------|-----------|---------|--------|---------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Male. | Female. | Total. | Total preparing for college classical course, or for scientific course in college or scientific school. | Has the school a gymnasium? | Is military drill employed? |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| NEW JERSEY—cont'd. | | | | | | | | | | | | | | |
| 399 | Blairtown | Blair Presbyterian Academy | J. H. Shumaker, A. M., Ph. D. | 1848 | Presb. | 4 | 3 | 7 | 63 | 40 | 103 | 67 | Yes. | No. |
| 400 | Bridgeton | South Jersey Institute | H. K. Trask, LL. D. | 1868 | Baptist ... | 5 | 7 | 12 | 100 | 50 | 150 | 39 | No. | Yes. |
| 401 | Cinnaminson | Westfield Friends' School | Clayton Conrow, chairman and board of trustees. | 1891 | Friends ... | 2 | 2 | 4 | 19 | 19 | 38 | 3 | No. | No. |
| 402 | Cranbury | Braierd Institute* | Edward Wiese, A. M., president. | 1865 | Non-sect. . | 2 | 1 | 3 | | | 75 | | | |
| 403 | Deckertown | Seeley's Home School | W. H. Seeley, A. M. | 1884 | Non-sect. . | 1 | 1 | 2 | 14 | 20 | 34 | 2 | No. | No. |
| 404 | Elizabeth | Elizabeth Institute | | 1860 | | 2 | 4 | 6 | 20 | 45 | 65 | 2 | | |
| 405 | Hackettstown | Centenary College Institute | Rev. Geo. H. Whitney, D. D., president. | 1869 | M. E. | 8 | 6 | 14 | 157 | 119 | 276 | 83 | Yes. | No. |
| 406 | Hightstown | Peddie Institute | Horbert E. Slaughter, A. M. | 1867 | Baptist ... | 5 | 10 | 15 | | | 195 | | Yes. | Yes. |
| 407 | Hoboken | Hoboken Academy | Jrs. Schrank | 1860 | Non-sect. . | 12 | 5 | 17 | 263 | 140 | 403 | 3 | Yes. | No. |
| 408 | Hopewell | Hopewell Seminary | Miss E. H. Doggs | 1866 | Non-sect. . | 4 | 4 | 8 | 10 | 25 | 35 | 0 | (a) | No. |
| 409 | Jersey City (169 Grand st.). | Hasbrouck Institute | Chas. E. Stimets, A. M. | 1856 | Non-sect. . | 14 | 8 | 22 | 180 | 122 | 302 | 70 | Yes. | No. |
| 410 | Manawau | Glenwood Collegiate Institute | J. Calvin Rice, A. M. | 1835 | Non-sect. . | 2 | 4 | 6 | 60 | 45 | 105 | 4 | Yes. | No. |
| 411 | Moorestown | Moorestown Friends' Academy | W. L. Moore | 1878 | Friends ... | 1 | 3 | 4 | 38 | 31 | 69 | 2 | No. | No. |
| 412 | Newton | Newton Collegiate Institute | Joel Wilson, A. M. | 1850 | Non sect. . | 3 | 2 | 5 | 71 | 24 | 95 | 12 | Yes. | No. |
| 413 | Orange | Dearborn-Morgan School | Dearborn, Morgan & Co. | 1876 | Non-sect. . | 3 | 14 | 17 | 92 | 141 | 233 | 35 | No. | No. |
| 414 | Pennington | Pennington Seminary | Thomas Hanlon, A. M., D. D. | 1840 | M. E. | 8 | 6 | 14 | 212 | 100 | 312 | 12 | Yes. | No. |
| 415 | Salem | Salem Friends' School | R. H. Reinhardt | 1839 | Friends ... | 0 | 3 | 3 | 56 | 28 | 84 | 39 | No. | No. |
| 416 | Somerville | Somerville Classical School | Rev. J. A. Mets | 1858 | Non-sect. . | 2 | 3 | 5 | 28 | 26 | 54 | 14 | No. | No. |

| | | | | | | | | | | | | |
|-------------|-------------------------------|----------------------------------------------|------------------------------------|------|------|-----------|----|----|----|-----|-----|-----|
| 417 | South Orange | South Orange Academy | Miss I. S. Brown | 1872 | 1873 | Non-sect. | 5 | 5 | 18 | 32 | 50 | |
| 418 | Woodbury | Deptford School | Curtis J. Lewis | 1872 | 1873 | Friends | 1 | 3 | 4 | 36 | 51 | |
| NEW MEXICO. | | | | | | | | | | | | |
| 419 | Albuquerque | Albuquerque Academy | Charles E. Hodgkin | 1879 | 1879 | Cong. | 1 | 5 | 6 | 132 | 160 | 2 |
| 420 | Las Cruces | Academy of the Visitation | Sister M. Praxedes | 1870 | 1870 | R. C. | 2 | 9 | 9 | 35 | 50 | 85 |
| 421 | do | Las Cruces College | Ibrahim Hudley, president | 1888 | 1888 | Non-sect. | 2 | 4 | 4 | 50 | 20 | 70 |
| 422 | Las Vegas | Las Vegas Academy | G. S. Ramsey | 1880 | 1880 | Cong. | 4 | 4 | 8 | 85 | 65 | 150 |
| 423 | do | Las Vegas Seminary | F. W. Chatfield, A. M. | 1883 | 1883 | M. E. So. | 1 | 4 | 5 | 65 | 105 | 170 |
| 424 | Santa Fé | Santa Fé Presbyterian Academy | M. Bookman | 1881 | 1881 | Presb. | 2 | 2 | 2 | 27 | 32 | 59 |
| NEW YORK. | | | | | | | | | | | | |
| 425 | Adams | Adams Collegiate Institute | O. B. Rhodes, A. M. | 1855 | 1864 | | 3 | 4 | 7 | 58 | 72 | 130 |
| 426 | Amenia | Amenia Seminary | T. N. Glover | 1855 | 1856 | Non-sect. | 2 | 3 | 5 | 23 | 15 | 38 |
| 427 | Ausertown | Amsterdamm Academy | C. C. Witsell | 1856 | 1853 | Non-sect. | 3 | 5 | 8 | 48 | 41 | 89 |
| 428 | Ausertown | Ives Seminary | E. M. Wheeler | 1841 | 1841 | M. E. | 2 | 6 | 8 | 70 | 140 | 32 |
| 429 | Argyle | Argyle Academy | J. D. Bart, A. B. | 1841 | 1841 | M. E. | 2 | 2 | 40 | 35 | 75 | 6 |
| 430 | Bainbridge | Bainbridge Union School and Academy | Fred J. Turnbull | 1873 | 1874 | | 1 | 5 | 6 | 111 | 129 | 240 |
| 431 | Bedford | Bedford Academy | F. S. Smith | 1809 | 1809 | | 1 | 1 | 2 | 28 | 8 | 36 |
| 432 | Belleville | Union Academy of Belleville | H. A. Gaylord | 1859 | 1864 | Non-sect. | 3 | 2 | 5 | 45 | 39 | 84 |
| 433 | Brooklyn (La Fayette st.) | Adelphi Academy | Albert C. Perkins | 1869 | 1869 | Non-sect. | 20 | 23 | 43 | 419 | 451 | 870 |
| 434 | Brooklyn (153 Seltenherm st.) | Chenevier Academy | Rev. Wm. A. and Madame J. M. Stamm | 1865 | 1865 | Non-sect. | 2 | 9 | 11 | 66 | 64 | 130 |
| 435 | Canisio | Canisio Academy | D. M. Ester | 1868 | 1871 | Non-sect. | 2 | 5 | 7 | 125 | 153 | 278 |
| 436 | Cazenovia | Cazenovia Seminary | Rev. Isaac N. Clements, A. M. | 1824 | 1824 | M. E. | 7 | 2 | 7 | 159 | 142 | 301 |
| 437 | Chappaqua | Chappaqua Mountain Institute | S. C. Collins, A. M. | 1870 | 1870 | Friends | 3 | 6 | 9 | 58 | 35 | 93 |
| 438 | Cherry Valley | Cherry Valley Academy | Rev. A. McMaster | 1881 | 1881 | Presb. | 2 | 1 | 3 | 16 | 17 | 33 |
| 439 | Claverack | Claverack College and Hudson River Institute | Rev. Arthur H. Plack, A. M. | 1854 | 1854 | M. E. | 6 | 9 | 15 | 85 | 80 | 165 |
| 440 | Clifton Springs | Clifton Springs Seminary | W. A. Deering, A. M. | 1868 | 1868 | Non-sect. | 3 | 4 | 7 | 30 | 25 | 55 |
| 441 | College Point | Poppenhusen Institute | F. Martons, secretary | 1868 | 1870 | Non-sect. | 3 | 3 | 6 | 128 | 27 | 155 |
| 442 | Deli | Delaware Academy | W. D. Graves | 1819 | 1819 | Non-sect. | 2 | 5 | 7 | 100 | 104 | 204 |
| 443 | Dundee | Dundee Preparatory School | John Kline, A. M. | 1882 | 1879 | Non-sect. | 2 | 4 | 6 | 90 | 95 | 185 |
| 444 | Eddytown | Stanley Seminary | G. R. Hammond, ph. d. | 1848 | 1842 | Christian | 5 | 7 | 12 | 95 | 75 | 170 |
| 445 | Elbridge | Munro Collegiate Institute | T. K. Wright, ph. d. | 1849 | 1839 | Non-sect. | 2 | 2 | 4 | 50 | 47 | 97 |
| 446 | Fairfield | Fairfield Seminary | D. Wayne | 1803 | 1802 | Non-sect. | 6 | 6 | 12 | 90 | 85 | 175 |
| 447 | Fishkill-on-the-Hudson | Mount Beacon Academy | J. Fred. Smith, A. M. | 1865 | 1883 | Non-sect. | 3 | 2 | 5 | 42 | 84 | 22 |
| 448 | Flatbush | Erasmus Hall Academy | Rev. R. G. Strong | 1787 | 1787 | Non-sect. | 7 | 4 | 11 | 45 | 20 | 75 |
| 449 | Florida | S. S. Seward Institute | Mrs. M. S. Parks | 1846 | 1843 | Non-sect. | 1 | 2 | 3 | 4 | 8 | 12 |
| 450 | Fort Plain | Clinton Liberal Institute | Charles V. Farris, president | 1854 | 1832 | Univers. | 6 | 9 | 13 | 78 | 127 | 205 |
| 451 | Franklin | Du-laware Literary Institute | Charles H. Verrill, A. M., ph. d. | 1835 | 1836 | Non-sect. | 4 | 4 | 8 | 106 | 94 | 200 |
| 452 | Friendship | Friendship Academy | H. Lewis | 1887 | 1887 | Non-sect. | 1 | 2 | 3 | 75 | 65 | 140 |
| 453 | Gilbertsville | Gilbertsville Academy | S. Dwight Arms | 1839 | 1840 | Non-sect. | 1 | 2 | 3 | 53 | 44 | 97 |
| 454 | Gowanda | Union School and Academy | J. H. Seltzer, A. M. | 1878 | 1878 | Non-sect. | 1 | 2 | 3 | 53 | 44 | 97 |
| 455 | Greenville | Greenville Academy | F. H. Wakelcy, secretary | 1816 | 1816 | Non-sect. | 4 | 7 | 8 | 151 | 224 | 375 |
| | | | | 1816 | 1816 | Non-sect. | 1 | 2 | 6 | 60 | 79 | 139 |

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* Statistics of 1887-88.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.
DIVISION C.—Private schools for both sexes.—PART I—Continued.

| Location. | Name of school. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | | Physical culture. | | |
|---------------------|-------------------------------------|----------------------------------|------------------|------------------|-------------------------|--------------|---------|--------|-----------|---------|--------|-----------------------------|-----------------------------|-------|
| | | | | | | Male. | Female. | Total. | Male. | Female. | Total. | Has the school a gymnasium? | Is military drill employed? | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| NEW YORK—continued. | | | | | | | | | | | | | | |
| 456 | Greenwich Union School..... | C. L. Morey..... | 1839 | 1839 | ..... | 1 | 9 | 10 | 251 | 305 | 556 | 32 | ..... | ..... |
| 457 | Hartwick Seminary..... | Rev. James Pitcher, A. M..... | 1816 | 1815 | Lutheran..... | 6 | 1 | 7 | 69 | 26 | 95 | ..... | No. | No. |
| 458 | Havana..... | A. C. Hill, ph. D..... | 1872 | 1873 | Baptist..... | 5 | 4 | 9 | 91 | 70 | 161 | ..... | Yes. | No. |
| 459 | Ithaca..... | ..... | ..... | 1876 | ..... | 2 | 2 | 2 | ..... | ..... | ..... | ..... | ..... | ..... |
| 460 | Le Roy Academic Institute..... | F. M. Constock, A. M., C. E..... | 1864 | 1863 | Non-sect..... | 2 | 5 | 7 | 132 | 72 | 204 | 15 | No. | No. |
| 461 | Lima..... | W. R. Benham, president..... | 1830 | 1830 | M. E..... | 11 | 6 | 17 | 207 | 167 | 374 | 22 | Yes. | Yes. |
| 462 | Friends' Academy..... | Franklin P. Wilson..... | 1876 | 1876 | Friends..... | 2 | 3 | 5 | 51 | 31 | 82 | 21 | Yes. | No. |
| 463 | Macedon Centre..... | Lewis H. Clark..... | 1842 | 1841 | Non-sect..... | 2 | 2 | 4 | 54 | 51 | 105 | 4 | No. | No. |
| 464 | Marion..... | H. M. Richmond..... | 1855 | 1855 | Non-sect..... | 1 | 2 | 3 | 51 | 63 | 120 | 81 | No. | No. |
| 465 | Marion Collegiate Institute..... | Mrs. S. E. King Ames..... | 1861 | 1862 | Baptist..... | 1 | 6 | 7 | 40 | 50 | 90 | 10 | Yes. | No. |
| 466 | Mexico Institute..... | Warren D. More..... | ..... | 1826 | Non-sect..... | 2 | 4 | 6 | 64 | 69 | 133 | 45 | No. | No. |
| 467 | Mexico Academy..... | B. L. Brown, A. B..... | 1873 | 1873 | Non-sect..... | 1 | 2 | 3 | 70 | 90 | 160 | 17 | No. | No. |
| 468 | Sherman Academy..... | Martha A. Wright..... | ..... | 1878 | Baptist..... | 0 | 2 | 2 | 8 | 19 | 27 | 0 | No. | No. |
| 469 | Nanuet Home School..... | Rev. C. J. Brown, A. M..... | 1835 | 1835 | Non-sect..... | 2 | 2 | 4 | 40 | 20 | 60 | 4 | No. | No. |
| 470 | Nassau Academy..... | John M. Child, A. M..... | 1861 | 1861 | Friends..... | 3 | 10 | 13 | 55 | 69 | 124 | 4 | Yes. | No. |
| 471 | Friends' Seminary..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 471 | Heidenfeld Institute..... | Dr. Theo. E. Heidenfeld..... | ..... | 1864 | Non-sect..... | 6 | 7 | 13 | 56 | 48 | 104 | 8 | Yes. | No. |
| 472 | New York (824 Lexington ave.),..... | Mrs. S. Louise Heywood..... | ..... | 1883 | Non-sect..... | 2 | 8 | 10 | 16 | 34 | 50 | ..... | No. | No. |
| 473 | New York (18 W. 93d st.),..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 473 | New York (334-336 Lenox ave.),..... | Andrew Zerkon..... | ..... | 1888 | Non-sect..... | 7 | 1 | 8 | 45 | 20 | 65 | 15 | Yes. | Yes. |

| | | | | | | | | | | | | |
|-----------------|-------------------------------|---------------------------------------|------------------------------------------|------|--------------|---|-----|----|-------|-------|-----|-----|
| 474 | New York (152 W. 163d st.). | Riverside School..... | Miss Emily A. Ward..... | 1887 | P. E | 1 | 7 | 8 | 27 | 73 | 100 | |
| 475 | New York (148 Elizabeth st.). | St. Matthew's Academy..... | Rev. E. Bohn, director..... | | Ev. Luth. | 4 | 3 | 7 | 150 | 100 | 250 | 18 |
| 476 | Nyack..... | Rockland Colloge..... | W. H. Bannister, A. M..... | 1878 | Non-sect. | 6 | 6 | 12 | 94 | 49 | 143 | 42 |
| 477 | Oxford..... | Oxford Academy..... | Frederick L. Gamage, A. M..... | 1794 | Non-sect. | 1 | 4 | 5 | 125 | 100 | 225 | 7 |
| 478 | Peckskill..... | Westchester County Institute..... | Chas. Unterreiner..... | 1877 | Non-sect. | 2 | 1 | 3 | 26 | 17 | 43 | 4 |
| 479 | Peterborough..... | Evans Academy*..... | A. E. Dunham, A. S..... | 1871 | Non-sect. | 1 | 2 | 2 | 42 | 40 | 82 | 12 |
| 480 | Pike..... | Pike Seminary..... | Edson J. Quigley, secretary..... | 1856 | Free Bapt. | 2 | 3 | 5 | 80 | 70 | 150 | 33 |
| 481 | Pine Plains..... | Seymour Smith Academy..... | Rev. A. Mattice, A. M..... | 1879 | Non-sect. | 2 | 1 | 3 | 24 | 21 | 45 | 10 |
| 482 | Pompey..... | Pompey Academy..... | W. A. Ingalls..... | 1809 | Non-sect. | 1 | 1 | 2 | 43 | 36 | 79 | 5 |
| 483 | Poughkeepsie (Market st.). | Quincy School..... | Miss C. E. Silloway..... | 1882 | Non-sect. | 0 | 3 | 3 | 22 | 34 | 56 | 2 |
| 484 | Poughkeepsie..... | St. Mary's School..... | | 1879 | R. C | 0 | 4 | 4 | 155 | 90 | 245 | |
| 485 | Pulaski..... | Pulaski Academy..... | Wm. C. Gorman..... | 1854 | Non-sect. | 1 | 4 | 5 | ..... | ..... | 128 | No. |
| 486 | Randolph..... | Chamberlain Institute..... | Rev. J. T. Edwards, D. D..... | 1851 | M. E. | 6 | 4 | 10 | ..... | ..... | 240 | No. |
| 487 | Red Creek..... | Red Creek Union Seminary..... | G. A. Jacobs..... | 1845 | Non-sect. | 4 | 5 | 97 | 103 | 200 | 18 | |
| 488 | Rhinebeck..... | De Garmo Institute..... | James M. De Garmo, A. M., Ph. D..... | 1864 | Non-sect. | 3 | 6 | 9 | 47 | 51 | 93 | 4 |
| 489 | Saugerties..... | Saugerties Institute..... | William Wright..... | 1866 | Non-sect. | 1 | 4 | 5 | 40 | 50 | 90 | 2 |
| 490 | Sauguit..... | Sauguit Academy..... | Frederick C. Kane..... | 1847 | Non-sect. | 1 | 2 | 3 | 50 | 80 | 130 | 3 |
| 491 | Sherman..... | Sherman Union School and Academy..... | L. H. Russell, pr. p..... | 1872 | Non-sect. | 2 | 5 | 7 | ..... | ..... | 296 | No. |
| 492 | Sodus..... | Sodus Academy..... | Elisba Curtis, A. M..... | 1855 | | 2 | 2 | 4 | 80 | 90 | 170 | 33 |
| 493 | Southold..... | Southold Academy..... | Margaret S. Snyder..... | 1854 | | 2 | 1 | 7 | 9 | 16 | 2 | No. |
| 494 | Springville..... | Griffith Institute..... | Laurence A. Toeppe, clerk Ed. of Ed..... | 1830 | Non-sect. | 1 | 11 | 12 | 61 | 96 | 157 | No. |
| 495 | Stamford..... | Stamford Seminary..... | Francis M. Smith, Ph. B..... | 1881 | | 3 | 6 | 9 | ..... | ..... | 322 | No. |
| 496 | Stapleton..... | Staten Island Academy..... | Frederick E. Partington, A. M..... | 1885 | | 5 | 6 | 11 | 120 | 105 | 225 | 80 |
| 497 | Unadilla..... | Unadilla Academy..... | Robert F. Sullivan, B. S..... | 1859 | Non-sect. | 2 | 2 | 4 | 54 | 72 | 126 | 6 |
| 498 | Walworth..... | Walworth Academy..... | J. D. Barnett, secretary..... | 1842 | | 1 | 3 | 3 | 30 | 40 | 70 | 1 |
| 499 | Wilton..... | Wilton Seminary..... | John Anthony..... | 1886 | Non-sect. | 1 | 3 | 4 | 12 | 22 | 34 | 6 |
| 500 | Yates..... | Yates Academy..... | E. L. Bruinistool..... | 1841 | Non-sect. | 1 | ... | 1 | 17 | 19 | 36 | 11 |
| NORTH CAROLINA. | | | | | | | | | | | | |
| 501 | Albemarle..... | Albemarle Academy..... | J. A. Bivins..... | 1875 | Non-sect. | 2 | 1 | 3 | 60 | 40 | 100 | 4 |
| 502 | Bayboro..... | Public Male and Female Institute..... | George T. Farnell, L. I..... | 1887 | | 1 | 1 | 2 | 17 | 31 | 48 | (a) |
| 503 | Belvidere..... | Belvidere Academy..... | E. A. and M. J. White..... | 1835 | Friends | 0 | 2 | 2 | 21 | 23 | 44 | 2 |
| 504 | Burlington..... | Holt's School..... | Rev. Jeremiah W. Holt..... | 1881 | Christian | 1 | 1 | 2 | 36 | 44 | 80 | |
| 505 | Cary..... | Cary Academy..... | W. L. Carmichael..... | 1884 | Mis. Bapt. | 1 | ... | 1 | 40 | 35 | 75 | 5 |
| 506 | Cary..... | Cary Collegiate School..... | A. E. Booth, L. I..... | 1875 | Non-sect. | 2 | 3 | 5 | 37 | 55 | 92 | 60 |
| 507 | Chocowinity..... | Trinity School..... | Rev. N. C. Hughes, A. M., D. D..... | 1874 | P. E | 4 | 2 | 6 | 43 | 28 | 71 | 21 |
| 508 | Cedar Grove..... | Cedar Grove Academy *..... | B. C. Patton..... | 1881 | Non-sect. | 1 | 2 | 2 | 16 | 15 | 31 | 5 |
| 509 | Conover..... | Concordia College..... | Rev. L. A. Yoder, A. M., pres. t..... | 1881 | Luth. | 4 | 1 | 2 | 6 | 90 | 72 | 162 |
| 510 | Elizabeth City..... | Elizabeth City Academy..... | S. L. Sheep..... | 1878 | | 2 | 3 | 5 | 65 | 80 | 145 | 70 |
| 511 | Ellerbe Springs..... | Richmond Training School..... | D. W. Odowd..... | 1886 | | 1 | 2 | 3 | 22 | 12 | 34 | 13 |
| 512 | Enochville..... | Enochville High School *..... | F. B. Brown, A. M..... | 1875 | | 1 | 2 | 3 | 45 | 48 | 103 | 5 |
| 513 | Farmers..... | Farmers Academy..... | William C. Hammer..... | 1870 | Non-sect. | 3 | 1 | 4 | 40 | 52 | 92 | 15 |
| 514 | Farmville..... | Farmville Seminary..... | W. E. Mewborn..... | 1886 | | 2 | 2 | 3 | 26 | 29 | 55 | 7 |
| 515 | Fork Church..... | Fork Academy..... | J. T. Alderman, supt..... | 1879 | Baptist..... | 2 | 1 | 3 | 43 | 80 | 20 | No. |

a Calisthenics.

* Statistics of 1887-88.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes—PART I—Continued.

| Location. | Name of school. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | Students. | | | Physical culture. | | | |
|--------------------------------|----------------------------------------------------------|------------------------------------------------|------------------|------------------|-------------------------|--------------|---------|-----------|-------|---------|-------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Male. | Female. | Total. | Total preparatory for college classical course, or for scientific course in college or scientific school. | Has the school a gymnasium? | Is military drill employed? |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| PENNSYLVANIA. | | | | | | | | | | | | | | |
| 575 Bellefonte | Bellefonte Academy | Rev. J. C. Hughes | 1806 | 1807 | Non-sect.. | 2 | 2 | 4 | 40 | 40 | 80 | 25 | No. | No. |
| 576 Bethlehem (70 Church st.). | Moravian Parochial School | Rev. Morris W. Leibert, acting superintendent. | | 1742 | Moravian. | 4 | 7 | 11 | 125 | 130 | 255 | 7 | No. | No. |
| 577 Birmingham | Mountain Seminary | N. Y. Davis | 1852 | 1857 | Presb. | | 8 | 8 | 15 | 60 | 75 | 50 | | No. |
| 578 Camanaburg | Jefferson Academy | C. M. Des Isles, Ph. D. | 1864 | 1864 | Non-sect.. | 5 | 4 | 9 | 116 | 100 | 216 | 75 | Yes. | No. |
| 579 Chester (box 164). | Chester Academy | George Gilbert | 1862 | 1862 | Friends | 2 | 4 | 6 | 71 | 60 | 131 | 3 | | No. |
| 580 Concordville | Maplewood Institute | Joseph Shortridge, A. M. | 1870 | 1862 | Friends | 4 | 2 | 6 | 30 | 10 | 40 | 15 | | No. |
| 581 Elder's Ridge. | Elder's Ridge Academy | L. H. Prantz | 1839 | 1839 | Presb. | 3 | 3 | 6 | 86 | 22 | 108 | 11 | No. | No. |
| 582 Erie | Erie Academy | Alaric Stone, A. M. | 1817 | 1819 | Non-sect.. | 1 | 2 | 3 | 52 | 44 | 96 | | No. | Yes. |
| 583 Factoryville | Keystone Academy | A. H. Passett, secretary | 1869 | 1869 | Baptist | 6 | 3 | 9 | 125 | 90 | 215 | | Yes. | No. |
| 584 Frederickburgh | Schuylkill Seminary | Rev. G. Hohzapfel, A. B. | 1831 | 1831 | Evau. Ass. | 4 | 2 | 6 | 66 | 32 | 98 | 3 | No. | Yes. |
| 585 Jenkintown | Abington Friends' School | A. H. Tomlinson, B. S. | | 1702 | Friends | 2 | 3 | 5 | 49 | 52 | 101 | | No. | No. |
| 586 Kennett Square. | Martin Academy | Henry Painter | | 1873 | (Hicksite). | | | | | | | | | |
| 587 Kingston | Wyoming Seminary | Rev. L. L. Spragno, A. M., D. D. | 1844 | 1844 | Friends | 1 | 2 | 3 | 48 | 49 | 97 | 3 | No. | No. |
| 588 Langhorne | Friends' Institute | Cassandra H. Rice | 1790 | 1790 | Friends | 14 | 4 | 18 | 255 | 100 | 415 | 261 | No. | No. |
| 589 London Grove | London Grove Friends' School | Jane P. Rushmore | | 1868 | Friends | 0 | 4 | 4 | 54 | 56 | 110 | 16 | No. | No. |
| 590 McAlevy's Fort | Stone Valley Academy | Preston K. Dry, A. B. | 1884 | 1862 | Non-sect.. | 2 | 2 | 4 | 21 | 13 | 34 | 3 | No. | No. |
| 591 McDonald | Ingleisle Academy | Rev. W. D. Irons | | | Non-sect.. | 2 | 2 | 4 | 32 | 26 | 58 | | No. | No. |
| 592 Meyersdale. | Meyersdale Preparatory School | John D. Meese, M. PH. | 1834 | 1834 | Non-sect.. | 3 | 1 | 4 | 70 | 30 | 100 | 30 | No. | No. |
| 593 Mifflintown. | Mifflin Academy | R. F. Elliott | | 1882 | Non-sect.. | 1 | 2 | 3 | 85 | 63 | 148 | 19 | No. | No. |
| 594 Mount Pleasant | Western Pennsylvania Classical and Scientific Institute. | Rev. Leroy Stephens, A. M. | 1871 | 1873 | Baptist | 3 | 5 | 8 | 77 | 65 | 143 | 13 | No. | No. |

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.
DIVISION C.—Private schools for both sexes—PART I—Continued.

| Location. | Name of school. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | | Has the school a gymnasium? | Is military drill employed? | |
|---------------------------|--------------------------------|--------------------------------------------|------------------|------------------|-------------------------|--------------|---------|--------|-----------|---------|--------|-----------------------------|-----------------------------|-----|
| | | | | | | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| SOUTH CAROLINA—continued. | | | | | | | | | | | | | | |
| 631 | Orangeburgh | Hugo G. Sheridan | 1877 | 1878 | Non-sect. | 3 | 1 | 4 | 76 | 45 | 121 | 67 | | |
| 632 | Windsborough | W. H. Withersow, A.M., president. | 1777 | 1779 | Non-sect. | 3 | 3 | 6 | 111 | 99 | 210 | | | |
| TENNESSEE. | | | | | | | | | | | | | | |
| 633 | Bloomington | Joseph H. Kolron, A.M. | | 1877 | M. E. | 3 | 1 | 4 | 81 | 50 | 131 | 51 | No. | No. |
| 634 | Bloomington | Rev. Thos. W. Salt, A.M., S. T. President. | | 1880 | M. E. | 3 | | 3 | 76 | 44 | 120 | | No. | No. |
| 635 | Chatata | M. R. M. Burke | 1887 | 1873 | Non-sect. | 2 | | 2 | 120 | 40 | 160 | | No. | No. |
| 636 | Church Hill | P. L. Henderson, A. B. | | 1877 | M. E. So | 1 | 1 | 2 | 35 | 30 | 65 | 20 | No. | No. |
| 637 | Clifton | B. F. Davis | | | Non-sect. | 1 | 2 | 3 | 30 | 45 | 75 | | No. | No. |
| 638 | Cog Hill | Geo. Metcalf | | 1881 | Non-sect. | 1 | 1 | 2 | 39 | 31 | 70 | 0 | No. | No. |
| 639 | Decaturville | E. B. Phillips, president | 1881 | 1881 | Non-sect. | 2 | 2 | 4 | 70 | 40 | 110 | 22 | No. | No. |
| 640 | Tennessee Valley College | James T. Keala, secretary | 1880 | 1885 | Friends. | 2 | 2 | 4 | | | 107 | | No. | No. |
| 641 | Friendsville | board trustees. | | | | | | | | | | | | |
| 642 | Gardner | D. W. Tracy | 1871 | | | 1 | 1 | 2 | 55 | 60 | 115 | 5 | | No. |
| 643 | Grassy Cove | S. S. De Garmed | 1884 | 1884 | Presb. | 1 | 2 | 3 | 64 | 44 | 108 | 21 | No. | No. |
| 644 | Hartsville | S. A. Mynders, A. B. | 1856 | 1857 | | 1 | 5 | 6 | 120 | 112 | 232 | | No. | No. |
| 645 | Irving College | Eugene B. Eitor | 1880 | 1880 | Non-sect. | 1 | 1 | 2 | 22 | 31 | 53 | | No. | No. |
| 646 | Fairview Private School* | L. A. Calvin | 1887 | 1887 | Non-sect. | 1 | 1 | 2 | 90 | 70 | 160 | 8 | | No. |

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.
DIVISION C.—Private schools for both sexes.—PART I—Continued.

| Location. | Name of school. | Principal. | Date of charter. | Date of opening. | Religious denomination. | Instructors. | | | Students. | | | | Physical culture. | |
|-------------------------|--------------------------------------|---------------------------------------|------------------|------------------|-------------------------|--------------|---------|--------|-----------|---------|--------|------------------------------------------------------------------------------------|-----------------------------|-----------------------------|
| | | | | | | Male. | Female. | Total. | Male. | Female. | Total. | Total preparing for college classical course, or for scientific course in college. | Has the school a gymnasium? | Is military drill employed? |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| UTAH—continued. | | | | | | | | | | | | | | |
| 688 Ogden..... | School of the Good Shepherd..... | Arthur C. Newill..... | ..... | 1877 | P. E..... | 1 | 2 | 3 | 104 | 78 | 182 | ..... | No.. | No. |
| 689 Plain City..... | St. Paul's School..... | James H. Young..... | ..... | ..... | P. E..... | 1 | ..... | ..... | 29 | 24 | 53 | ..... | No.. | No. |
| 690 Provo City..... | Proctor Academy..... | F. E. Merrill..... | ..... | 1887 | Cong..... | 1 | 3 | 4 | 100 | 150 | 250 | ..... | No.. | No. |
| 691 do..... | Bingham Young Academy..... | ..... | 1875 | 1876 | L. D. S..... | 7 | 2 | 9 | 297 | 149 | 446 | ..... | No.. | No. |
| 692 Salt Lake City..... | St. Mark's School..... | Bishop Leonard..... | ..... | 1867 | P. E..... | 1 | 8 | 9 | ..... | ..... | 309 | ..... | No.. | No. |
| 693 do..... | Salt Lake Collegiate Institute..... | J. F. Millsbaugh, superintendent..... | 1879 | 1875 | Presb..... | 4 | 5 | 9 | 132 | 153 | 285 | 12 | No.. | No. |
| 694 do..... | Salt Lake Seminary..... | Prof. W. A. Hunter..... | ..... | 1870 | M. E..... | 2 | 4 | 6 | 84 | 121 | 205 | ..... | No.. | No. |
| VERMONT. | | | | | | | | | | | | | | |
| 695 Bakersfield..... | Briham Academy..... | F. E. Parlin, A. B..... | 1877 | 1879 | Non-sect..... | 1 | 4 | 5 | 55 | 62 | 117 | ..... | No.. | No. |
| 696 Barre..... | Goddard Seminary..... | D. L. Mansby, A. B..... | 1863 | 1870 | Univ..... | 5 | 5 | 10 | 80 | 69 | 149 | 13 | No.. | No. |
| 697 Chelsea..... | Chelsea Academy..... | John M. Comstock..... | 1851 | 1852 | Non-sect..... | 1 | 1 | 2 | 31 | 36 | 67 | 3 | No.. | No. |
| 698 Derby..... | Derby Academy*..... | I. O. Palmer, A. B..... | 1839 | 1839 | Non-sect..... | 1 | 2 | 3 | 55 | 65 | 120 | 6 | No.. | No. |
| 699 Essex..... | Essex Classical Institute..... | Chauncey H. Hayden, A. M..... | 1853 | 1854 | Non-sect..... | 1 | 2 | 3 | 28 | 32 | 60 | 5 | No.. | No. |
| 700 Fairfax..... | New Hampton Institution..... | Henry Babcock..... | 1824 | 1825 | Baptist..... | 1 | 2 | 3 | 26 | 22 | 48 | 1 | No.. | No. |
| 701 Hyde Park..... | Lamoille Central Academy..... | J. W. Redmond..... | ..... | 1857 | Non-sect..... | 1 | 2 | 3 | 75 | 80 | 155 | 3 | No.. | No. |
| 702 Lyndon Centre..... | Lyndon Institute..... | W. E. Rauger, A. M..... | 1867 | 1870 | Non-sect..... | 6 | 4 | 10 | ..... | ..... | 211 | 45 | No.. | No. |
| 703 Manchester..... | Burr and Barton Seminary..... | Allan C. Ferrin, A. B..... | 1829 | 1833 | Non-sect..... | 2 | 5 | 7 | 56 | 33 | 89 | 26 | Yes. | No. |
| 704 Montpelier..... | Vermont Methodist Seminary..... | Rev. E. A. Bishop, A. M..... | 1834 | 1834 | M. E..... | 5 | 9 | 14 | 217 | 116 | 333 | ..... | Yes. | No. |
| 705 Peacham..... | Caledonia County Grammar School..... | C. A. Bulker, A. M..... | 1793 | 1797 | ..... | 1 | 3 | 4 | 75 | 75 | 150 | 30 | No.. | No. |
| 706 Poulney..... | Troy Conference Academy..... | Rev. C. H. Dutton, D. D..... | 1834 | 1836 | M. E..... | 7 | 6 | 13 | 129 | 99 | 228 | 44 | Yes. | No. |

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89.

DIVISION C.—Private schools for both sexes.—PART II.

| | Name of school. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-------------|----------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| ALABAMA. | | | | | | | | | |
| 1 | Andrews Institute | | \$20 | | \$1,500 | | | | |
| 2 | Ashland High School | 0 | 15 | 0 | 2,000 | | | \$300 | |
| 3 | Trinity School | | 4-8 | | 12,000 | 0 | 0 | 0 | \$1,751 |
| 4 | Centreville College | | 30 | | 2,500 | | | | |
| 5 | Clanton High School | 1,800 | 15-25 | | 1,500 | \$500 | \$300 | 560 | 60 |
| 6 | Collinsville High School | 0 | 20-40 | 0 | 2,500 | 0 | 0 | 150 | 0 |
| 7 | Dadeville High School | 0 | 10-20 | 0 | | 0 | 0 | 150 | |
| 8 | Fort Deposit High School | | 20-40 | | 1,200 | | | | |
| 9 | Furman Academy | | 18-40 | | 2,000 | | | 130 | |
| 10 | Galesville High School | 0 | 15-40 | \$50 | 5,000 | 0 | 0 | 60 | |
| 11 | Jasper Male and Female Academy | 150 | 20-40 | | 3,000 | | | 126 | |
| 12 | Lineville Institute | | 9-36 | | 5,000 | | | 200 | |
| 13 | German Ev. Luth. Congregational School | | 15 | | 2,000 | | | | |
| 14 | Opelika Seminary | 200 | 30 | 25 | 2,000 | | | | |
| 15 | Perdue Hill High School | 164 | 20-40 | 10 | 1,500 | | 1,000 | 160 | 1,000 |
| 16 | Prattsville Male and Female Academy | 0 | 18 | 1,000 | 25,000 | | | | |
| 17 | Male and Female Academy | 150 | 15-30 | | 2,000 | | 0 | 0 | 0 |
| 18 | Springville Institute | 150 | 15-40 | | 2,500 | | | | |
| 19 | Talladega College | 3,500 | 5-10 | 200 | 92,200 | 31,204 | 900 | 0 | 3,000 |
| 20 | Wetumpka High School | 0 | 20, 30, 40 | | 1,500 | | | 183 | |
| ARKANSAS. | | | | | | | | | |
| 21 | Hendrix College | 500 | 32, 40 | 110 | 12,500 | | | | |
| 22 | Ouchita Baptist College | 1,200 | 20-50 | | 40,000 | 0 | 0 | 0 | |
| 23 | Mt. Pleasant Academy | 0 | 12-15 | | 1,000 | | | 200 | |
| 24 | Fort Smith District High School | 300 | 24 | 100 | 2,000 | | | | 22 |
| 25 | Center Ridge Christian College | | 15-40 | | | | | | |
| 26 | Male and Female Academy | 150 | 20 | | 1,800 | | | 225 | |
| 27 | Evening Shade High School | 300 | 25 | 175 | 2,000 | | | 600 | |
| 28 | Male and Female Institute | 800 | 30 | | 5,000 | | | 2,800 | |
| 29 | Prairie Grove Institute | | 15 | | 2,500 | | | | 1,000 |
| 30 | Quitman College | | 15-40 | | 13,000 | | | 805 | |
| 31 | Roger's Academy | 585 | 18 | 140 | 12,500 | 0 | 0 | 0 | 2,310 |
| 32 | Searcy College | 600 | 30-50 | 250 | 12,000 | | | | |
| CALIFORNIA. | | | | | | | | | |
| 33 | Healdsburg College | 1,000 | 25-50 | 1,000 | 45,000 | | | | 986 |
| 34 | Washington College | 800 | 70 | | 40,000 | | | | |
| 35 | Lakeport Academy | 400 | 35 | 200 | | | | | |
| 36 | Livermore College | 300 | 80, 66 | 20 | 17,000 | | | | |
| 37 | Shelton College of Liberal Arts | 0 | 70 | 0 | 5,000 | | | | |
| 38 | Academy of Our Lady of Lourdes | 300 | | | | | 0 | 0 | |
| 39 | Placerville Academy | 150 | 30-50 | 100 | 12,000 | | | 0 | |
| 40 | Howe's High School | 300 | 70 | | | | | | |
| 41 | Academy and Business College | 100 | 70-80 | | 10,000 | | | | |
| 42 | College of Notre Dame | 2,500 | 40-60 | | | | | | |
| 43 | Westminster School | | 40-120 | 150 | 20,000 | | | | |
| COLORADO. | | | | | | | | | |
| 44 | Salida Academy | 0 | 18-36 | | 6,000 | | | 0 | 75 |

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes.—PART II—Continued.

| | Name of school. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|----|------------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| | COLORADO—continued. | | | | | | | | |
| 45 | Pueblo Collegiate Institute. | 115 | \$50 | ..... | \$30,000 | ..... | ..... | 0 | \$5,000 |
| 46 | Tillotson Academy..... | 350 | 30 | \$600 | 20,000 | 0 | 0 | 0 | 400 |
| | CONNECTICUT. | | | | | | | | |
| 47 | Academy of the Holy Family. | 250 | \$150 | ..... | 2,000 | ..... | ..... | ..... | ..... |
| 48 | Bacon Academy..... | 400 | 18 | 150 | 5,000 | \$34,000 | \$1,700 | ..... | ..... |
| 49 | Housatonic Valley Institute. | 500 | 40 | ..... | 20,000 | ..... | ..... | ..... | ..... |
| 50 | Elmwood Home School..... | ..... | 15-24 | ..... | 9,000 | ..... | ..... | 0 | 0 |
| 51 | Glastonbury Academy..... | 40 | 30 | 200 | 5,000 | ..... | ..... | ..... | 300 |
| 52 | Mystic Valley English and Classical Institute. | 600 | 50 | 200 | 10,000 | ..... | ..... | 0 | 0 |
| 53 | New Canaan Institute..... | ..... | 40 | ..... | 8,000 | 0 | 0 | 0 | 0 |
| 54 | Robbins School..... | ..... | 60 | ..... | ..... | ..... | ..... | 0 | ..... |
| 55 | Norwich Free Academy..... | 6,000 | 15,645 | 3,000 | ..... | 175,000 | 10,000 | 0 | 27,000 |
| 56 | McLean Seminary..... | 600 | 50 | 200 | 15,000 | ..... | ..... | ..... | ..... |
| 57 | Seaside Seminary..... | 700 | 32,40,48 | 30 | 6,000 | 0 | 0 | 0 | 0 |
| 58 | Connecticut Literary Institution. | 1,700 | 36 | ..... | 100,000 | 45,000 | ..... | 0 | 5,000 |
| 59 | Wilton Academy..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 60 | Parker Academy..... | ..... | 40-50 | ..... | 2,000 | ..... | ..... | ..... | ..... |
| 61 | Woodstock Academy..... | 500 | 25 | 50 | ..... | 12,000 | 600 | ..... | 2,500 |
| | DAKOTA. | | | | | | | | |
| 62 | Arvilla Academy..... | 400 | 24 | 200 | 5,000 | ..... | ..... | \$475 | ..... |
| 63 | Augustana College..... | 400 | 18 | ..... | 9,000 | 18,000 | 1,260 | ..... | 1,350 |
| 64 | St. Bernard's College..... | 1,000 | 5-30 | ..... | 27,000 | ..... | ..... | ..... | ..... |
| 65 | Groton Collegiate Institute. | 500 | 37 | ..... | 25,000 | ..... | ..... | 0 | ..... |
| 66 | Jamestown College..... | 205 | 36 | 0 | ..... | ..... | ..... | ..... | ..... |
| 67 | Redfield College..... | 300 | 30 | ..... | 25,000 | ..... | ..... | 914 | 7,500 |
| 68 | Scotland Academy..... | 50 | 22 | ..... | 7,000 | ..... | ..... | 650 | 200 |
| 69 | All Saints School..... | 300 | 26 | 200 | 40,000 | 0 | 0 | 0 | ..... |
| 70 | University of Sioux Falls. | 400 | 26 | 600 | 55,000 | 10,000 | 500 | ..... | ..... |
| | DELAWARE. | | | | | | | | |
| 71 | Wilmington Conference Academy. | 1,500 | 45 | 200 | 60,000 | ..... | ..... | ..... | ..... |
| 72 | Milford Classical School..... | 0 | 34 | 0 | 4,000 | 0 | 0 | 0 | 0 |
| 73 | Academy of Newark..... | 1,600 | 40 | 1,600 | 15,000 | 7,000 | 350 | ..... | ..... |
| 74 | Friends' School..... | 200 | 47 | 600 | 50,000 | ..... | ..... | 0 | ..... |
| | DISTRICT OF COLUMBIA. | | | | | | | | |
| 75 | Friends' Select School..... | 500 | 70-110 | 250 | 60,000 | 0 | ..... | 0 | 0 |
| 76 | St. Cecilia's Academy..... | 700 | 12-48 | 4 | ..... | ..... | ..... | 0 | ..... |
| | FLORIDA. | | | | | | | | |
| 77 | East Florida Seminary..... | 1,000 | 25 | ..... | 35,000 | 46,150 | 2,848 | 0 | 0 |
| 78 | Cookman Institute..... | 800 | 20 | 200 | 15,000 | ..... | 600 | 0 | 400 |
| 79 | Convent of Mary Immaculate. | 250 | 20 | ..... | 75,000 | ..... | ..... | 0 | ..... |
| 80 | Florida Institute..... | 1,500 | 8 | 100 | 7,000 | 0 | 0 | 0 | ..... |
| 81 | Seminary West of the Suwannee River. | ..... | 0 | 200 | 12,000 | 75,000 | 4,700 | 7,500 | ..... |
| | GEORGIA. | | | | | | | | |
| 82 | Acworth High School..... | ..... | 10-30 | ..... | 3,000 | ..... | ..... | 200 | ..... |
| 83 | West End Academy..... | 350 | 15 | 50 | 10,000 | 0 | 0 | 300 | 0 |

* Statistics of 1887-88.

α Includes board.

β For non-residents.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes.—PART II—Continued.

| | Name of school. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|-----------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| | GEORGIA—continued. | | | | | | | | |
| 84 | Attapulgus High School | | \$25 | | \$1,000 | 0 | 0 | \$150 | 0 |
| 85 | Sacred Heart Academy | 600 | 14 | | 50,000 | | \$4,000 | 1,530 | |
| 86 | Bairdstown Academy* | | 20 | | 600 | | | 175 | \$5 |
| 87 | Bluffton High School | | 18 | | 2,000 | | | 136 | |
| 88 | Boston Institute | 0 | 24 | | 800 | | | | |
| 89 | Byron High School | 0 | 20-30 | 0 | 1,500 | 0 | 0 | 200 | 0 |
| 90 | West End Institute | 0 | 15-30 | 0 | 2,500 | 0 | 0 | 120 | 0 |
| 91 | Hearn Institute | 100 | 40 | \$300 | 15,000 | \$10,000 | 400 | | |
| 92 | St. Mary's Institute | 0 | 25 | 0 | 3,000 | 0 | 0 | 100 | 0 |
| 93 | Walnut Grove Male and Female School | | 15-30 | | | | | 260 | |
| 94 | Ebenezer College | 100 | 25 | 30 | 8,000 | | | | |
| 95 | Wynnton College | 0 | 36 | 0 | 7,000 | 0 | 0 | 180 | 0 |
| 96 | Crawford Academy | 0 | 20-30 | | 2,000 | | | 200 | |
| 97 | South Georgia Male and Female College.* | 250 | 30 | 200 | 10,000 | | | 400 | |
| 98 | Eastman Academy | 0 | 25 | 0 | 2,000 | 0 | 0 | 225 | 0 |
| 99 | Male and Female Academy | 0 | 15 | | 10,000 | | | 534 | |
| 100 | Ellijay Academy | 150 | 10-20 | | 6,000 | | | 57 | |
| 101 | Male and Female Institute | | 20-30 | | 3,000 | 0 | 0 | 400 | |
| 102 | Oak Grove Academy | 0 | 20 | | 600 | | | 300 | |
| 103 | Greshamville Academy | | 15-30 | 500 | 2,000 | | | 210 | |
| 104 | Harlem High School | | 12-18 | | 3,000 | | | 550 | |
| 105 | Hartwell High School | 100 | 15-40 | | 5,000 | | | 225 | |
| 106 | Planters' High School | 0 | 10 | | 500 | 0 | 0 | 212 | 0 |
| 107 | Hoshton High School | | 15, 20 | | 800 | | | 300 | |
| 108 | Talmage Institute | 0 | 25 | | 2,000 | | | 300 | |
| 109 | Lawrenceville Seminary | 0 | 25 | 800 | 4,500 | 0 | 0 | | 0 |
| 110 | Meson Academy | 100 | 15, 20, 25 | 50 | 4,000 | 3,000 | 250 | 200 | |
| 111 | Lost Mountain Academy | | 9-18 | | 500 | | | 125 | |
| 112 | Male and Female Institute | 20 | 20-30 | 25 | 3,000 | | | 205 | |
| 113 | Marshallville High School | 150 | 30 | 50 | 4,000 | | | 300 | |
| 114 | Monticello High School | | 25 | | 1,200 | | | | |
| 115 | Norcross High School | | 14-21 | 250 | 2,000 | | | 200 | 0 |
| 116 | Palmetto High School | 0 | 12-30 | 0 | 1,000 | 0 | 0 | 0 | 0 |
| 117 | Houston Male and Female High School | 0 | 13-36 | 0 | 2,500 | 0 | 0 | 660 | 1,560 |
| 118 | Powder Springs High School | 0 | 20 | | 500 | 0 | 0 | 0 | |
| 119 | Male and Female School | 0 | 16 | | 250 | | | 120 | |
| 120 | Glenn Holley Academy | | 20 | | 300 | 0 | 0 | 140 | 0 |
| 121 | Quitman Academy | 0 | 20-40 | | 3,000 | | | | |
| 122 | Male and Female Institute | 0 | 15-25 | | 2,500 | | | 120 | |
| 123 | Ringgold Academy | 0 | 20 | 20 | 6,500 | 0 | 0 | 150 | 0 |
| 124 | Rutledge High School | | 26 | | 1,000 | | | 300 | |
| 125 | Excelsior High School | | 9-22 | | 1,000 | | | 300 | |
| 126 | Shady Dale Academy | 0 | 25 | 0 | 2,000 | 0 | 0 | 0 | 0 |
| 127 | Sharon High School | 0 | 20 | | 600 | | | 300 | |
| 128 | Sharpsburgh Academy | | | | | | | | |
| 129 | Smyrna School | 0 | 20 | | 1,500 | | | | |
| 130 | Macon District High School | 0 | 25 | | 1,800 | | | 220 | |
| 131 | Male and Female Academy | | 25 | 200 | 2,500 | | | 200 | |
| 132 | Stellaville High School | 0 | 18 | 0 | 1,500 | 0 | 0 | 250 | 0 |
| 133 | Stone Mountain High School | 0 | 28 | 50 | | | | 300 | |
| 134 | Sumach Seminary | 50 | 10-20 | 0 | 2,500 | | | 200 | |
| 135 | Temple Academy | | 22 | | 750 | | | 180 | |
| 136 | Tennille High School | 0 | 15-35 | | 3,500 | | | 400 | |

* Statistics of 1887-88.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes—PART II—Continued.

| | Name of school. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|---------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| | GEORGIA—continued. | | | | | | | | |
| 137 | R. E. Lee Institute | 200 | \$7-14 | \$150 | \$10, 000 | ..... | ..... | \$440 | ..... |
| 138 | McDuffie Institute | 0 | 20-40 | ..... | 1, 000 | ..... | ..... | 200 | ..... |
| 139 | Turin High School | 0 | 12-30 | 0 | 300 | 0 | 0 | 250 | 0 |
| 140 | Villa Rica High School | 0 | 12-30 | ..... | 1, 000 | ..... | ..... | 250 | 0 |
| 141 | Rheinhardt Normal School | 0 | 10-30 | 0 | 2, 500 | 0 | 0 | 150 | 0 |
| 142 | Walthourville Academy | 0 | 24 | 0 | 1, 500 | 0 | 0 | 0 | 0 |
| 143 | Dawson Institute | 0 | 24 | ..... | 5, 000 | ..... | ..... | 225 | ..... |
| 144 | Whitesburgh Academy* ..... | ..... | 25 | 0 | 1, 000 | ..... | ..... | 140 | ..... |
| 145 | High School | 0 | 20 | 0 | 1, 500 | 0 | 0 | 150 | ..... |
| 146 | Woodville High School | 0 | 16 | ..... | 300 | 0 | 0 | 240 | ..... |
| 147 | "Nannie Lou Warthen" Institute. | 0 | 23 | 0 | 5, 500 | ..... | ..... | 284 | ..... |
| | ILLINOIS. | | | | | | | | |
| 148 | Aledo Academy | 200 | 30 | 1, 000 | 5, 000 | 0 | 0 | 200 | 0 |
| 149 | Union Academy of Southern Illinois. | 400 | 31 | 300 | 5, 000 | \$1, 500 | \$84 | ..... | \$288 |
| 150 | Jennings Seminary | 400 | 34 | 1, 000 | 60, 000 | ..... | ..... | ..... | 1, 000 |
| 151 | St. Agnes' School | 150 | 0 | ..... | 40, 000 | ..... | ..... | ..... | 300 |
| 152 | Bunker Hill Academy | 500 | 200 | 500 | 3, 000 | 0 | ..... | 0 | 0 |
| 153 | Evangelical Lutheran Immanuel School. | ..... | 10 | ..... | 30, 000 | ..... | ..... | ..... | ..... |
| 154 | College of Northern Illinois. | 600 | 34 | ..... | 7, 000 | ..... | ..... | ..... | ..... |
| 155 | St. Teresa's Academy | 400 | 5-10 | ..... | 6, 000 | ..... | ..... | ..... | ..... |
| 156 | Du Quion Seminary | 5, 000 | 25 | 1, 000 | 10, 000 | ..... | ..... | ..... | ..... |
| 157 | Elgin Academy | 250 | 30 | 300 | 35, 000 | ..... | ..... | ..... | ..... |
| 158 | Hayward Collegiate Institute. | 400 | 32 | ..... | 15, 000 | ..... | ..... | ..... | ..... |
| 159 | St. Joseph's Academy* | 29 | 12 | 67 | 25, 150 | ..... | ..... | ..... | ..... |
| 160 | Geneseo Collegiate Institute. | 300 | 34 | 200 | 30, 000 | 7, 500 | 450 | ..... | 3, 333 |
| 161 | Glittings Seminary* ..... | ..... | 20 | 200 | 20, 000 | 15, 000 | 800 | ..... | ..... |
| 162 | Lee's Academy* | 1, 500 | 30 | ..... | 4, 500 | ..... | ..... | ..... | ..... |
| 163 | Normal and Scientific Academy. | ..... | 40 | ..... | 5, 000 | ..... | ..... | 0 | ..... |
| 164 | Mt. Morris College | 25, 000 | 33 | ..... | 20, 000 | ..... | ..... | ..... | ..... |
| 165 | Port Byron Academy | 200 | 24 | 300 | 12, 000 | 30, 000 | 1, 500 | 0 | 300 |
| 166 | Bettie Stuart Institute | 500 | 50 | 500 | 30, 000 | ..... | ..... | ..... | ..... |
| 167 | Toulon Academy | 0 | 21 | 0 | 1, 000 | ..... | ..... | ..... | 1, 004 |
| 168 | Vermilion Academy | 200 | 18 | 50 | 4, 000 | 9, 000 | 720 | 0 | 0 |
| | INDIANA. | | | | | | | | |
| 169 | Friends' Bloomingdale Academy. | 500 | 24, 30 | 200 | 8, 000 | 6, 000 | 400 | 0 | 0 |
| 170 | Fairmount Academy | 224 | 27 | 250 | 12, 000 | ..... | ..... | ..... | ..... |
| 171 | Mrs. Price's School ..... | ..... | 50 | ..... | ..... | ..... | ..... | ..... | ..... |
| 172 | Marengo Academy ..... | ..... | 31 | ..... | 2, 000 | 0 | 0 | 0 | 0 |
| 173 | Roanoke Classical Seminary. | 137 | 21 | 20 | 3, 000 | ..... | ..... | ..... | ..... |
| 174 | Spiceland Academy | 2, 500 | 15-40 | 500 | 10, 000 | 5, 000 | 200 | 2, 800 | ..... |
| 175 | Vincennes University | 4, 340 | 20-16 | 400 | 25, 000 | 49, 200 | 3, 800 | ..... | ..... |
| 176 | Union High School ..... | ..... | 20-31 | ..... | ..... | 5, 000 | 400 | 0 | ..... |
| | INDIAN TERRITORY. | | | | | | | | |
| 177 | Indian University | 500 | 13 | ..... | 30, 000 | ..... | ..... | ..... | 870 |
| 178 | Harrell International Institute. | 200 | 15-20 | 0 | 25, 000 | ..... | ..... | ..... | ..... |
| 179 | Worcester Academy | 200 | 15 | 20 | 10, 000 | 0 | 0 | 0 | 517 |

* Statistics of 1887-88.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes.—PART II—Continued.

| | Name of school. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----------|---------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| IOWA. | | | | | | | | | |
| 180 | Ackworth Institute*..... | 400 | \$24 | \$50 | \$3,600 | ..... | ..... | ..... | ..... |
| 181 | Albion Seminary..... | 750 | 28 | ..... | 15,000 | ..... | ..... | ..... | ..... |
| 182 | Birmingham Academy... | 200 | 25 | ..... | 25,000 | ..... | ..... | ..... | ..... |
| 183 | Normal and Scientific Institute. | 1,200 | 32 | 300 | 5,000 | ..... | ..... | ..... | ..... |
| 184 | First German Evangelical School. | ..... | 9 | ..... | 20,000 | ..... | ..... | ..... | ..... |
| 185 | German Evangelical Zion School*..... | ..... | 8 | ..... | 20,000 | ..... | ..... | ..... | ..... |
| 186 | Decorah Institute..... | 700 | 32 | ..... | 4,000 | ..... | ..... | ..... | ..... |
| 187 | Denmark Academy..... | 1,500 | 27 | 700 | 20,000 | \$15,000 | ..... | 0 | ..... |
| 188 | Hull Educational Institute. | 700 | 20 | 100 | 16,000 | 14,500 | \$1,430 | 0 | \$8,300 |
| 189 | Iowa City Academy..... | ..... | 32 | 300 | ..... | ..... | ..... | 0 | 75 |
| 190 | Jefferson Academy..... | ..... | 24 | 250 | 5,000 | ..... | ..... | ..... | ..... |
| 191 | Knoxville Academy*..... | ..... | 20,30 | ..... | ..... | ..... | ..... | 0 | ..... |
| 192 | Friends' Academy*..... | 606 | 22 | 50 | 8,000 | 0 | 0 | 0 | 25 |
| 193 | New Providence Academy..... | 200 | 25 | 100 | 7,500 | ..... | ..... | 0 | 2,500 |
| 194 | Hazel Dell Academy..... | 800 | 24 | ..... | 5,000 | ..... | ..... | ..... | ..... |
| 195 | St. Boniface's School..... | ..... | 5 | ..... | 12,000 | ..... | ..... | ..... | ..... |
| 196 | North Western Classical Academy. | 1,200 | 10 | 100 | 7,000 | ..... | 3,500 | ..... | 2,850 |
| 197 | Cedar Valley Seminary... | 800 | 27 | 300 | 30,000 | 6,000 | 300 | 0 | 2,500 |
| 198 | St. Ansar Academy..... | 200 | 23 | ..... | 4,000 | ..... | ..... | ..... | ..... |
| 199 | Whittier College..... | ..... | 20 | ..... | 20,000 | ..... | ..... | ..... | 5,000 |
| 200 | Tilford Collegiate Institute. | 700 | 24 | 150 | 20,000 | ..... | ..... | ..... | ..... |
| 201 | Washington Academy... | ..... | 27,32 | 10 | 20,000 | 0 | ..... | ..... | ..... |
| 202 | Norton Normal and Scientific Academy. | 1,200 | 40 | 600 | 16,000 | ..... | ..... | ..... | 0 |
| KANSAS. | | | | | | | | | |
| 203 | Harrison Normal College. | 200 | 36 | ..... | ..... | ..... | ..... | ..... | ..... |
| 204 | Southern Kansas Academy. | 1,050 | 19-25 | 100 | 15,000 | ..... | ..... | ..... | 754 |
| 205 | Kansas Christian College. | 200 | 18 | ..... | 12,000 | 2,500 | 150 | ..... | 3,600 |
| 206 | Friends' Academy..... | 175 | 27 | 150 | 6,500 | 40 | ..... | ..... | 135 |
| 207 | Lewis Academy..... | 115 | 20-40 | 175 | 75,000 | 1,000 | 80 | ..... | ..... |
| 208 | Southwest Kansas College | 200 | 25 | 100 | 50,000 | 30,000 | 3,000 | 0 | 0 |
| KENTUCKY. | | | | | | | | | |
| 209 | Male and Female Institute. | 0 | 30 | 2,000 | 10,000 | 0 | 0 | 0 | 0 |
| 210 | East Lynn College..... | 50 | 15-35 | 75 | 50,000 | ..... | ..... | \$225 | ..... |
| 211 | Fredonia Seminary..... | 0 | 25 | ..... | 2,500 | ..... | ..... | 260 | ..... |
| 212 | The Welch High School. | ..... | 32 | ..... | 8,000 | ..... | ..... | ..... | ..... |
| 213 | Henderson High School..... | 210 | 30 | 50 | ..... | ..... | ..... | ..... | ..... |
| 214 | Hiseville Institute..... | 0 | 18-25 | ..... | 1,500 | ..... | ..... | 450 | ..... |
| 215 | Jackson Academy..... | 1,500 | 20 | ..... | 6,000 | 0 | 0 | 200 | 0 |
| 216 | La Fayette High School..... | ..... | 20-40 | 50 | 2,000 | ..... | ..... | 145 | ..... |
| 217 | Grayson Seminary..... | ..... | 20,30,40 | 0 | 400 | 0 | 0 | 0 | 0 |
| 218 | Presentation Academy..... | 300 | 40 | ..... | ..... | ..... | ..... | 0 | ..... |
| 219 | Browder Institute..... | 0 | 20-40 | 25 | 4,000 | ..... | ..... | 200 | 0 |
| 220 | Princeton Collegiate Institute. | 1,500 | 42 | 100 | 40,000 | 8,000 | 415 | 0 | 2,099 |
| 221 | Miss Sevier's School..... | ..... | 15-30 | ..... | ..... | ..... | ..... | ..... | ..... |
| 222 | Sharpsburg Male and Female College. | ..... | 20-40 | ..... | ..... | ..... | ..... | ..... | ..... |
| 223 | West Kentucky Classical and Normal College. | 485 | 40 | 300 | 4,500 | 0 | 0 | 0 | 0 |
| 224 | Rose Hill Seminary..... | ..... | 30-50 | ..... | ..... | ..... | ..... | ..... | ..... |
| 225 | Wallonia Institute..... | 1,300 | 20 | 60 | 1,400 | ..... | ..... | 250 | 25 |

* Statistics of 1887-88.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes.—PART II—Continued.

| | Name of school. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 1 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| | KENTUCKY—continued. | | | | | | | | |
| 226 | Winchester Collegiate Academy. | 500 | \$30-60 | ..... | \$10,000 | 0 | 0 | 0 | 0 |
| 227 | Wingo College | | 15-40 | ..... |  |  |  |  |  |
| | LOUISIANA. | | | | | | | | |
| 228 | Male and Female College. | 25 | 10-40 | \$15 | 3,000 | 0 | 0 | 0 | 0 |
| 229 | St. Mary's School | | 20, 30, 40 | | 800 | 0 | | | |
| 230 | Male and Female College. | | 15-30 | | 3,500 | | | \$1,000 | |
| 231 | Mt. Lebanon College | | 10-40 | | | | | | |
| 232 | Columbian Institute | 300 | 30-70 | | 6,000 | | | | 0 |
| 233 | German Evangelical Protestant School. | | 12 | | 3,500 | 0 | 0 | | |
| 234 | Picard Institute | 70 | 20-100 | | 15,000 | | | | |
| 235 | Gilbert Academy | 1,000 | | 100 | 70,000 | | | 410 | \$10,000 |
| | MAINE. | | | | | | | | |
| 236 | Gould Academy | 400 | 21-28 | | 7,000 | \$1,500 | | 0 | 0 |
| 237 | East Maine Conference Academy. | 4,000 | 24 | 1,500 | 30,000 | 25,500 | \$2,000 | | |
| 238 | Union Academy | 75 | 9 | | 2,800 | 2,300 | 118 | 0 | |
| 239 | Greely Institute | 660 | 10-15 | 200 | | 20,000 | | | 162 |
| 240 | Freedom Academy | 0 | 30-50 | | 1,000 | 0 | | 0 | |
| 241 | Fryeburg Academy | 500 | 15-21 | 100 | 8,000 | 12,000 | 700 | | 400 |
| 242 | Gardiner High School* | 150 | 21 | 350 | | | | 250 | |
| 243 | Pennell Institute | 350 | 24 | 500 | 20,000 | 30,000 | 1,200 | 800 | 0 |
| 244 | Hampden Academy | 550 | 15 | 150 | 5,000 | 1,300 | 75 | 260 | 0 |
| 245 | Ricker Classical Institute. | 600 | 20, 24 | 150 | 50,000 | 40,000 | 2,400 | 1,100 | |
| 246 | Limington Academy | 200 | 10 | 100 | 3,000 | 800 | 40 | | |
| 247 | Lincoln Academy | 100 | 15-24 | 500 | 8,000 | 10,000 | 700 | | |
| 248 | English and Classical Institute. | 250 | 24 | 100 | | | | | |
| 249 | Norway High School | 350 | 12 | 50 | 10,000 | 0 | 0 | 250 | 0 |
| 250 | Maine Central Institute | 600 | 30 | | 25,000 | 10,000 | 600 | | |
| 251 | St. John's English and Classical School. | 100 | 24 | 250 | | | | | 250 |
| 252 | May School | 350 | 12 | | 1,800 | 0 | 0 | 0 | 5 |
| 253 | Coburn Classical Institute. | 351 | 24 | 500 | 50,000 | 52,000 | 3,120 | 0 | 500 |
| 254 | Wilton Academy | 200 | 18 | 100 | | 0 | 0 | 750 | 0 |
| | MARYLAND. | | | | | | | | |
| 255 | Friends' Elementary and High School. | 2,500 | 50-100 | 2,500 | 30,000 | 0 | 0 | 0 | 0 |
| 256 | Brookeville Academy | | 30 | | 10,000 | | | 600 | |
| 257 | Holy Trinity School | | | | | | | | |
| 258 | Allegany County Academy. | | 20-40 | 300 | | | | 800 | |
| 259 | Andrew Small Academy | 100 | 24-32 | | 20,000 | 18,000 | 700 | 0 | 0 |
| 260 | Friends' Select School | 50 | 20, 23, 32 | 15 | 2,000 | | | | |
| 261 | Elkton Academy | 0 | 32 | | 3,000 | | | | |
| | MASSACHUSETTS. | | | | | | | | |
| 262 | Punchard Free School | 200 | 0 | 400 | | 75,205 | 4,487 | | 89 |
| 263 | Cushing Academy | 2,250 | 25 | 1,000 | 95,897 | 120,976 | 8,100 | | 10,000 |
| 264 | Powers Institute | 5,000 | 21 | 600 | 5,000 | 5,000 | 400 | | 75 |
| 265 | Howe School | 300 | 12 | 250 | 6,500 | 23,000 | 1,380 | 0 | 0 |
| 266 | Houghton School* | 0 | 12 | 0 | 2,000 | 12,000 | 702 | | 0 |
| 267 | Berkeley School | | 80-250 | 300 | | 0 | 0 | 0 | 0 |
| 268 | Chauncy Hall Private School. | 600 | 200 | 1,000 | 110,000 | | | | |

* Statistics of 1887-88.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes.—PART II—Continued.

| | Name of school. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|------------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| | MASSACHUSETTS—cont'd. | | | | | | | | |
| 269 | Hitchcock Free High School. | 1,800 | 0 | \$850 | \$12,000 | \$85,000 | \$4,228 | 0 | 0 |
| 270 | Everett School | ----- | \$80-100 | 0 | ----- | ----- | ----- | 0 | 0 |
| 271 | Private School for Boys and Girls. | ----- | 40-120 | ----- | ----- | ----- | ----- | ----- | ----- |
| 272 | Deerfield Academy* | ----- | 18 | 800 | 23,000 | ----- | ----- | 0 | ----- |
| 273 | Nichols Academy | 2,300 | 25 | 6,000 | 50,000 | 8,000 | 480 | \$1,000 | ----- |
| 274 | Partridge Academy | 300 | 20 | 400 | 10,000 | 25,000 | 1,200 | 400 | ----- |
| 275 | B. M. C. Durfee High School. | 1,000 | ----- | 5,000 | 500,000 | 50,000 | 2,500 | ----- | ----- |
| 276 | Lawrence Academy | 20 | 18 | 300 | 3,000 | 10,000 | 600 | ----- | 0 |
| 277 | Dean Academy | 600 | 20 | 500 | 200,000 | 50,000 | 3,000 | 0 | 0 |
| 278 | Lawrence Academy | 2,500 | 31 | 1,000 | 75,000 | 2,300 | 1,600 | 0 | 0 |
| 279 | Hanover Academy | 200 | 28 | 50 | 4,000 | 1,500 | 100 | ----- | ----- |
| 280 | Smith Academy | 300 | 12-27 | 1,000 | 23,000 | 55,000 | 3,800 | ----- | ----- |
| 281 | Derby Academy | 200 | 6-20 | 150 | 5,000 | 28,500 | 2,000 | 0 | 0 |
| 282 | Tabor Academy | 0 | 15 | 500 | 20,000 | ----- | ----- | ----- | ----- |
| 283 | Eaton School | ----- | 40 | ----- | 10,000 | 0 | 0 | 0 | 0 |
| 284 | Milton Academy | 400 | 60-120 | 200 | 50,000 | 75,000 | 2,175 | 0 | \$1,000 |
| 285 | Monson Academy | 1,500 | 21-27 | 1,000 | 30,000 | 30,000 | 1,500 | ----- | ----- |
| 286 | Admiral Sir Isaac Coffins Lancasterian School. | 1,200 | 8 | 700 | 10,000 | 45,000 | 2,200 | 0 | 0 |
| 287 | Mrs. Potter's Home School. | ----- | 75 | ----- | ----- | ----- | ----- | 0 | ----- |
| 288 | Friends' Academy | 1,000 | 100,125,150 | 250 | 25,000 | ----- | ----- | 0 | ----- |
| 289 | Putnam Free School | 200 | 0 | 1,000 | 40,000 | 50,000 | ----- | 0 | ----- |
| 290 | New Salem Academy | 0 | 19 | 150 | 5,000 | 4,000 | ----- | 0 | 0 |
| 291 | Private School | 50 | 60 | 10 | ----- | ----- | ----- | ----- | ----- |
| 292 | Private School | ----- | 100-150 | ----- | ----- | ----- | ----- | ----- | ----- |
| 293 | Arms Academy | 180 | 24-27 | 2,152 | 17,612 | 27,749 | 1,682 | ----- | 1,000 |
| 294 | Thayer Academy | 485 | 175 | 1,000 | 150,000 | 250,000 | 12,000 | 0 | 0 |
| 295 | South Lancaster Academy. | ----- | 144 | ----- | 40,000 | 0 | 0 | 0 | 2,000 |
| 296 | Bristol Academy | 500 | 40-80 | ----- | ----- | ----- | ----- | ----- | ----- |
| 297 | Westford Academy | 300 | 18 | 150 | 4,000 | 45,000 | 2,250 | 0 | 0 |
| 298 | English and Classical School. | 500 | 125 | 2,500 | 15,000 | 0 | 0 | 0 | 0 |
| 299 | Wesleyan Academy | 5,300 | 21-35 | 3,200 | 126,356 | 12,000 | 720 | ----- | 1,070 |
| | MICHIGAN. | | | | | | | | |
| 300 | Raisin Valley Seminary | 500 | 25 | 3,000 | 30,000 | 20,000 | 1,400 | 0 | ----- |
| 301 | St. Joseph's Academy | ----- | 5,10 | ----- | 20,000 | ----- | 2,000 | ----- | ----- |
| 302 | Oakside School | 300 | 32 | ----- | 3,000 | ----- | ----- | 0 | ----- |
| 303 | Sacred Heart Academy | 700 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 304 | Spring Arbor Seminary | 425 | 12-24 | 300 | 12,000 | 0 | 0 | 0 | ----- |
| | MINNESOTA. | | | | | | | | |
| 305 | Minneapolis Academy | 200 | 42 | 125 | ----- | 0 | 0 | 0 | 0 |
| 306 | Western Minnesota Seminary. | 125 | 25 | ----- | ----- | ----- | ----- | ----- | ----- |
| 307 | Pillsbury Academy | 1,000 | 19-25 | ----- | 100,000 | 45,000 | 2,700 | 0 | 40,000 |
| 308 | Assumption School | 250 | 5-10 | 75 | 75,000 | 0 | 0 | 0 | 0 |
| 309 | Baldwin Seminary | 1,000 | 50-94 | 200 | ----- | ----- | ----- | ----- | 0 |
| 310 | Gustavus Adolphus College. | 5,400 | 22-45 | 400 | 40,000 | 0 | 0 | 0 | ----- |
| 311 | Wesleyan Methodist Seminary. | 500 | 12-21 | 50 | 8,000 | 20,000 | 600 | ----- | 2,000 |
| 312 | Minnesota Lutheran Seminary. | 250 | 25 | ----- | 20,000 | ----- | ----- | ----- | ----- |
| | MISSISSIPPI. | | | | | | | | |
| 313 | Beth Eden Collegiate Institute. | 450 | 13-27 | ----- | 600 | 0 | ----- | 110 | ----- |

* Statistics of 1887-88.

a To non-residents.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes.—PART II—Continued.

| | Name of school. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| | MISSISSIPPI—continued. | | | | | | | | |
| 314 | Winona District High School. | 600 | \$35 | ..... | \$4,000 | ..... | ..... | \$400 | 0 |
| 315 | Booneville Institute..... | 500 | 20-40 | ..... | 10,000 | 0 | ..... | 500 | 0 |
| 316 | Cooper Normal College..... | 4,127 | 40 | \$150 | 10,000 | ..... | ..... | ..... | ..... |
| 317 | Jasper Normal High School. | 400 | 15-40 | 100 | 2,000 | ..... | ..... | 350 | ..... |
| 318 | Gulf Coast College..... | 194 | 30 | ..... | 5,000 | ..... | ..... | ..... | ..... |
| 319 | Harperville College..... | 700 | 50 | 450 | 5,500 | ..... | ..... | 293 | ..... |
| 320 | Jackson Collegiate Academy. | ..... | 40-50 | ..... | 6,000 | ..... | ..... | ..... | ..... |
| 321 | Lexington Normal College. | 2,000 | 30-40 | 500 | 34,000 | ..... | ..... | ..... | 0 |
| 322 | Meridian Academy..... | 30 | 7-10 | ..... | 2,000 | ..... | ..... | ..... | \$200 |
| 323 | Cool Springs Academy..... | 25 | 5 | ..... | 500 | ..... | ..... | ..... | ..... |
| 324 | Male and Female College. | 0 | 20-40 | ..... | 2,000 | 0 | 0 | 380 | 0 |
| 325 |do*..... | 150 | 20-40 | 0 | 3,000 | 0 | 0 | 480 | ..... |
| 326 | Sylvarena High School..... | 600 | 15-40 | ..... | 1,000 | 0 | ..... | 320 | ..... |
| 327 | North Mississippi College. | 0 | 25-50 | ..... | ..... | 0 | 0 | 483 | 0 |
| | MISSOURI. | | | | | | | | |
| 328 | Watson Seminary..... | 800 | 20-40 | ..... | 2,500 | \$10,500 | \$800 | 0 | ..... |
| 329 | Aurora Springs Academy. | ..... | 20 | ..... | 4,000 | 1,700 | 700 | 248 | ..... |
| 330 | Cooper Institute..... | 500 | 40 | ..... | 10,000 | ..... | ..... | ..... | ..... |
| 331 | Brashear Academy..... | 200 | 18 | ..... | 2,500 | ..... | ..... | 440 | ..... |
| 332 | Brookfield College*..... | 1,200 | 29 | 100 | 15,000 | ..... | ..... | ..... | 150 |
| 333 | Butler Academy..... | 170 | 23 | 250 | 10,000 | ..... | ..... | 250 | ..... |
| 334 | Bellevue Collegiate Institute. | 700 | 20-40 | 100 | 20,000 | ..... | ..... | ..... | 250 |
| 335 | Mrs. Tiernan's Home School. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 336 | Cassville Collegiate Institute. | ..... | 20 | 50 | 2,000 | ..... | ..... | 1,800 | ..... |
| 337 | Clarksburg College*..... | 100 | 30 | 25 | 4,000 | 0 | 0 | 0 | 0 |
| 338 | Hooper Institute..... | 1,000 | 34 | 100 | 6,000 | 0 | 0 | 0 | 20 |
| 339 | Clinton Academy..... | 350 | 25-40 | 160 | 5,000 | 0 | 0 | 0 | ..... |
| 340 | College Mound Institute..... | ..... | 20 | ..... | 5,000 | ..... | ..... | 337 | ..... |
| 341 | St. Joseph's Academy..... | ..... | 10 | ..... | ..... | ..... | ..... | ..... | ..... |
| 342 | Farmington Baptist College. | 0 | 15-30 | 100 | 7,000 | 0 | 0 | 0 | 0 |
| 343 | English Concordia College. | ..... | 16-18 | 100 | 2,000 | 0 | ..... | 0 | ..... |
| 344 | Ozark College..... | 300 | 33-48 | ..... | 15,000 | ..... | ..... | ..... | ..... |
| 345 | Henderson Academy..... | 100 | 24 | 0 | 2,000 | 0 | 0 | 200 | ..... |
| 346 | Houston Institute..... | 1,200 | 25 | 500 | 6,000 | ..... | ..... | ..... | ..... |
| 347 | Humphreys College..... | ..... | 20 | ..... | 6,000 | ..... | ..... | ..... | ..... |
| 348 | German-English School..... | 50 | 13-25 | 30 | 45,000 | 12,000 | 720 | ..... | ..... |
| 349 | Glendale Institute..... | 160 | 80 | 250 | 1,200 | ..... | ..... | ..... | ..... |
| 350 | Western Academy..... | 1,000 | 30 | 300 | 7,000 | ..... | ..... | ..... | ..... |
| 351 | McCune College..... | 2,500 | 20-50 | ..... | 10,000 | ..... | ..... | ..... | ..... |
| 352 | Mayfield-Smith Academy..... | 0 | 25 | ..... | 6,000 | 0 | 0 | 0 | 0 |
| 353 | Marionville Collegiate Institute.* | 400 | 32 | 40 | 8,000 | ..... | ..... | ..... | ..... |
| 354 | Oaklawn College..... | 300 | 27 | 150 | 3,500 | ..... | ..... | ..... | ..... |
| 355 | Odessa College..... | 200 | 30 | 50 | 10,000 | 0 | 0 | 0 | 0 |
| 356 | Otterville College..... | 120 | 35 | 100 | 4,000 | 0 | 0 | 0 | 0 |
| 357 | Centenary High School..... | ..... | 25-50 | 200 | 5,000 | 0 | 0 | 0 | 0 |
| 358 | St. Joseph's School..... | 80 | 10 | ..... | 6,000 | ..... | ..... | 0 | ..... |
| 359 | St. Paul's College..... | 2,000 | 20-40 | ..... | 10,000 | ..... | ..... | ..... | ..... |
| 360 | Park College Academy..... | ..... | 15 | ..... | ..... | ..... | ..... | ..... | ..... |
| 361 | Faynesville School Institute. | 1,500 | 30-60 | 600 | 10,000 | ..... | ..... | ..... | ..... |

* Statistics of 1887-88.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—*Private schools for both sexes.*—PART II—Continued.

| | Name of school. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|-----------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| | MISSOURI—continued. | | | | | | | | |
| 362 | Pilot Grove Collegiate Institute. | 1,000 | \$40 | \$300 | \$18,000 | 0 | 0 | ----- | \$200 |
| 363 | Plattsburg College..... | 3,000 | 42 | 100 | 10,000 | ----- | ----- | ----- | ----- |
| 364 | Van Rensselaer Academy. | ----- | 24 | ----- | 2,500 | 0 | 0 | 0 | 0 |
| 365 | Mountain Dale Seminary. | ----- | 20 | ----- | 1,200 | ----- | ----- | ----- | ----- |
| 366 | Miller County Institute.. | ----- | 24 | ----- | 12,000 | ----- | ----- | 0 | 0 |
| 367 | Weaubleau Christian Institute. | 200 | 23 | 100 | 3,000 | 0 | 0 | ----- | ----- |
| | NEBRASKA. | | | | | | | | |
| 368 | Blake School..... | 450 | 30 | ----- | 2,500 | ----- | ----- | ----- | ----- |
| 369 | Franklin Academy..... | 1,400 | 18-23 | 300 | 15,000 | \$3,000 | \$300 | 0 | 3,500 |
| 370 | Hastings College..... | 1,500 | 23 | 400 | 60,000 | ----- | ----- | ----- | ----- |
| 371 | Oakdale Seminary..... | 0 | 15 | 0 | 9,000 | 0 | 0 | 0 | ----- |
| 372 | St. John's School..... | ----- | ----- | ----- | 15,000 | ----- | ----- | ----- | ----- |
| 373 | Luther Academy..... | 600 | 25 | 100 | 15,800 | 0 | 0 | 0 | \$40 |
| | NEW HAMPSHIRE. | | | | | | | | |
| 374 | Proctor Academy..... | 500 | 18-24 | 250 | 20,000 | ----- | ----- | ----- | ----- |
| 375 | Atkinson Academy..... | 1,400 | 18, 21, 24 | ----- | 6,000 | 8,000 | 400 | \$300 | ----- |
| 376 | Candia Village High School. | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 377 | Pinkerton Academy..... | 730 | 18 | 1,000 | 60,000 | 200,000 | 14,000 | 0 | 0 |
| 378 | Colbrook Academy..... | 100 | 8-12 | ----- | 3,000 | 1,000 | 60 | ----- | ----- |
| 379 | Watson Academy..... | 300 | 18 | 100 | 5,000 | 3,000 | ----- | 0 | ----- |
| 380 | Gilmanton Academy..... | 900 | 15-18 | ----- | 15,000 | ----- | ----- | 0 | 100 |
| 381 | Hampton Academy..... | ----- | 15-18 | 150 | ----- | 2,000 | 120 | ----- | ----- |
| 382 | Haverhill Academy..... | 150 | 18-20 | ----- | 2,000 | ----- | ----- | ----- | ----- |
| 383 | Sanborn Seminary..... | 150 | 15 | 1,500 | 60,000 | 130,000 | 6,000 | 0 | 25 |
| 384 | Lancaster Academy*..... | ----- | 23 | 200 | 5,000 | 2,000 | 80 | 0 | 0 |
| 385 | McCullom Institute..... | 1,300 | 13-24 | 900 | 10,000 | 15,000 | 700 | 300 | ----- |
| 386 | New Hampton Literary Institution. | 4,000 | 22-28 | ----- | 30,000 | 20,000 | 1,200 | 0 | 0 |
| 387 | Colby Academy..... | 2,770 | 21-30 | 750 | 100,000 | 86,000 | 5,143 | 0 | 1,279 |
| 388 | Coe's Northwood Academy. | 500 | 20 | 125 | 10,000 | 10,000 | 530 | 0 | 60 |
| 389 | Northwood Seminary..... | 500 | 18 | ----- | 5,000 | ----- | ----- | ----- | 1,200 |
| 390 | Pembroke Academy..... | ----- | 17-21 | 200 | 5,000 | 20,300 | 1,230 | 0 | 0 |
| 391 | Sraith's Academy..... | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 392 | McGaw Normal Institute. | 550 | 24 | 200 | 15,000 | 10,000 | 525 | 500 | ----- |
| 393 | Barnard School..... | 0 | ----- | 0 | 1,000 | 4,400 | 220 | 0 | 0 |
| 394 | Austin Academy..... | ----- | 9-15 | ----- | 1,500 | 4,500 | 180 | ----- | ----- |
| 395 | Simonds Free High School | 700 | a 15 | 680 | 11,000 | 23,000 | 1,380 | ----- | ----- |
| 396 | Brewster Free Academy. | 250 | 0 | 500 | 40,000 | 800,000 | 17,000 | ----- | ----- |
| | NEW JERSEY. | | | | | | | | |
| 397 | Belvidere Academy..... | 0 | 40-60 | 0 | 4,000 | 0 | 0 | 0 | 175 |
| 398 | Farnum Preparatory School. | ----- | 12-46 | ----- | 20,000 | 2,400 | 1,200 | 1,200 | ----- |
| 399 | Blair Presbyterian Academy. | 1,000 | 40 | 50 | 50,000 | 150,000 | 9,000 | 0 | ----- |
| 400 | South Jersey Institute... | 1,500 | 40, 50 | 500 | 75,000 | 2,500 | ----- | 0 | 0 |
| 401 | Westfield Friends' Institute. | ----- | 20-40 | ----- | 2,500 | 4,100 | 246 | 0 | ----- |
| 402 | Braner Institute*..... | 750 | b 250 | 100 | 12,000 | 0 | ----- | ----- | ----- |
| 403 | Seeley's Home School..... | ----- | ----- | ----- | 8,000 | ----- | ----- | ----- | ----- |
| 404 | Elizabeth Institute..... | 700 | b 300 | ----- | ----- | ----- | ----- | ----- | ----- |
| 405 | Centenary Collegiate Institute. | 1,300 | 42 | 500 | 225,000 | ----- | ----- | ----- | ----- |

* Statistics of 1887-88.

a To non-residents.

b Includes board.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes.—PART II—Continued.

| | Name of school. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|-----------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| | NEW JERSEY—continued. | | | | | | | | |
| 406 | Peddie Institute | 3,500 | \$30-50 | \$7,000 | \$150,000 | \$70,000 | ..... | 0 | \$49,000 |
| 407 | Hoboken Academy ..... | ..... | 22-80 | ..... | 20,000 | ..... | ..... | ..... | ..... |
| 408 | Hopewell Seminary | 300 | 20-120 | ..... | 16,000 | 0 | 0 | 0 | 0 |
| 409 | Hasbrouck Institute | 1,000 | 100 | 500 | ..... | 0 | 0 | 0 | 0 |
| 410 | Glenwood Collegiate Institute. | 1,000 | 50 | 400 | 17,500 | 0 | 0 | 0 | 0 |
| 411 | Mooretown Friends' Academy. | 2,000 | 24-40 | 200 | 5,000 | ..... | ..... | ..... | ..... |
| 412 | Newton Collegiate Institute. | 400 | 20-60 | 500 | 12,000 | ..... | ..... | ..... | ..... |
| 413 | Dearborn-Morgan School. | 200 | 48-180 | 225 | 31,000 | 0 | 0 | 0 | 0 |
| 414 | Pennington Seminary | 1,000 | 250 | 300 | 120,000 | 0 | 0 | 0 | 0 |
| 415 | Salem Friends' School ..... | ..... | 24-40 | 10 | 3,000 | 10,000 | \$600 | 0 | ..... |
| 416 | Somerville Classical School. | 400 | 40, 50, 60 | 100 | 6,000 | 0 | 0 | 0 | ..... |
| 417 | South Orange Academy ..... | ..... | 40-100 | ..... | 12,200 | ..... | ..... | ..... | ..... |
| 418 | Deptford School | 100 | 40 | 75 | ..... | ..... | ..... | ..... | ..... |
| | NEW MEXICO. | | | | | | | | |
| 419 | Albuquerque Academy | 200 | 20 | ..... | 5,000 | ..... | ..... | \$2,100 | ..... |
| 420 | Academy of the Visitation. | 300 | 30 | 200 | 30,000 | 0 | 0 | 0 | 0 |
| 421 | Las Cruces College | 0 | 40 | ..... | 3,000 | ..... | ..... | ..... | ..... |
| 422 | Las Vegas Academy | 500 | 22 | 50 | 10,000 | 0 | 0 | 0 | ..... |
| 423 | Las Vegas Seminary | 400 | 25 | ..... | 18,000 | ..... | ..... | ..... | 1,400 |
| 424 | Santa Fé Presbyterian Academy. | 0 | 28, 19 | 40 | ..... | ..... | ..... | 0 | 0 |
| | NEW YORK. | | | | | | | | |
| 425 | Adams Collegiate Institute. | 701 | 37 | 702 | 47,000 | ..... | ..... | 1,067 | ..... |
| 426 | Amenia Seminary | 1,500 | 20-80 | 500 | 8,000 | 0 | 0 | 0 | ..... |
| 427 | Amsterdam Academy | 400 | 56 | 500 | 36,000 | 0 | ..... | 0 | 0 |
| 428 | Ives Seminary | 1,500 | 30 | 350 | 31,133 | 1,200 | 350 | 750 | 600 |
| 429 | Argyle Academy | 968 | 20-24 | 395 | 3,500 | ..... | ..... | 29 | ..... |
| 430 | Bainbridge Union School and Academy. | 842 | 19 | 770 | 13,000 | ..... | ..... | 3,521 | ..... |
| 431 | Bedford Academy ..... | ..... | 40 | ..... | 2,500 | 0 | 0 | 0 | 0 |
| 432 | Union Academy of Belleville. | 1,673 | 25-36 | 782 | 19,850 | 35,000 | 1,523 | 355 | 100 |
| 433 | Adelphi Academy | 1,733 | 108 | 5,000 | 370,000 | 0 | 0 | 397 | 160,000 |
| 434 | Chenevière Institute ..... | ..... | 9-31 | ..... | 17,000 | ..... | ..... | ..... | ..... |
| 435 | Canisteo Academy | 525 | 24 | 500 | 16,000 | 2,000 | 120 | 1,120 | ..... |
| 436 | Cazenovia Seminary | 3,000 | 21-33 | 3,518 | 73,800 | 30,000 | 1,627 | 1,118 | 6,252 |
| 437 | Chappaqua Mountain Institute. | ..... | a 176 | ..... | 78,000 | 0 | 0 | 0 | ..... |
| 438 | Cherry Valley Academy | 0 | 9-24 | 25 | 3,500 | 0 | 0 | 0 | ..... |
| 439 | Claverack College and Hudson River Institute. | 1,355 | 30 | 701 | 44,319 | 0 | 0 | ..... | ..... |
| 440 | Clifton Springs Seminary | 1,500 | 28 | 50 | 15,000 | ..... | ..... | 0 | 0 |
| 441 | Poppenhusen Institute | 2,222 | 0 | ..... | 60,000 | 72,000 | 3,760 | 0 | 0 |
| 442 | Delaware Academy | 2,000 | 36 | 900 | 30,000 | ..... | ..... | 975 | 3,100 |
| 443 | Dundee Preparatory School. | 168 | 24 | 700 | 8,000 | 0 | 0 | 400 | ..... |
| 444 | Starkey Seminary | 961 | 24 | 718 | 23,300 | 1,800 | 98 | 726 | ..... |
| 445 | Munro Collegiate Institute. | 900 | 21 | 1,022 | 218,000 | 12,000 | 2,000 | 300 | 300 |
| 446 | Fairfield Seminary | 6,824 | 40 | 5,000 | 25,000 | ..... | ..... | 1,243 | ..... |
| 447 | Mt. Beacon Academy ..... | ..... | 50 | ..... | 18,000 | ..... | ..... | ..... | ..... |
| 448 | Erasmus Hall Academy | 1,800 | 24-40 | 400 | 20,000 | 6,000 | 450 | 0 | 0 |
| 449 | S. S. Seward Institute | 280 | 16-30 | 100 | ..... | 20,000 | ..... | 0 | 0 |
| 450 | Clinton Liberal Institute. | 4,000 | 30 | 1,500 | 90,000 | 25,000 | 1,750 | 390 | 1,000 |

* Statistics of 1887-88.

a Includes board.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes.—PART II—Continued.

| | Name of school. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| | NEW YORK—continued. | | | | | | | | |
| 451 | Delaware Literary Institute. | 1,500 | \$24-36 | \$1,000 | \$27,000 | 0 | 0 | \$800 | 0 |
| 452 | Friendship Academy | 100 | 12, 18 | | | | | 700 | |
| 453 | Gilbertsville Academy | 546 | 18-27 | 310 | 6,318 | \$2,941 | \$170 | 303 | \$28 |
| 454 | Union School and Academy. | 800 | 20 | 200 | 20,000 | | | 1,200 | |
| 455 | Greenville Academy | 460 | 18-30 | 515 | 3,300 | 0 | 0 | 147 | |
| 456 | Greenwich Union School | 1,400 | 15-24 | 1,000 | 15,000 | | | 2,000 | |
| 457 | Hartwick Seminary | 4,000 | 29 | 680 | 33,102 | 54,267 | 2,800 | 207 | 35,000 |
| 458 | Cook Academy | 1,728 | 20-40 | 838 | 104,000 | | | 331 | 2,495 |
| 459 | Cascadilla School | | 90-150 | | | | | | |
| 460 | Le Roy Academic Institute. | 1,000 | 9-50 | 500 | 25,000 | 6,000 | 360 | 330 | |
| 461 | Genesee Wesleyan Seminary. | 6,000 | 0 | 5,274 | 65,000 | 65,828 | 3,667 | 999 | 1,213 |
| 462 | Friends' Academy | 1,200 | 20 | 800 | 32,000 | 100,000 | | | |
| 463 | Macedon Academy | 300 | 22 | 400 | 4,500 | | | 712 | |
| 464 | Marion Collegiate Institute. | 487 | 15-24 | 1,224 | 15,240 | | | 928 | |
| 465 | Florence Institute | 558 | 18 | 421 | 18,000 | | | 283 | |
| 466 | Mexico Academy | 1,715 | 10-60 | 684 | 14,000 | | | 470 | |
| 467 | Sherman Academy | 200 | 12 | 300 | 7,600 | 26,850 | 1,688 | 455 | |
| 468 | Nanuet Home School | | | | | | | 0 | 0 |
| 469 | Nassau Academy | 62 | 18-30 | 200 | 6,000 | | | 0 | 0 |
| 470 | Friends' Seminary | | 48-160 | 1,500 | | | | | |
| 471 | Heidenfeld Institute | | 150 | 300 | 30,000 | | | 0 | 0 |
| 472 | Heywood Institute | | 60-250 | | 30,000 | | | | |
| 473 | Lenox Institute | | 80-280 | 0 | 50,000 | 0 | 0 | 0 | 0 |
| 474 | Riverside School | | 50 | | | | | | |
| 475 | St. Matthew's Academy | | 20-40 | 250 | 30,000 | 0 | 0 | | |
| 476 | Rockland College | 428 | 60 | | 30,000 | 0 | 0 | | 0 |
| 477 | Oxford Academy | 1,500 | 21 | 774 | 12,705 | 7,034 | 450 | 750 | 573 |
| 478 | Westchester County Institute. | 800 | 60 | 0 | 10,000 | 0 | 0 | 0 | 0 |
| 479 | Evans Academy* | 345 | 6-15 | 240 | 9,000 | 15,000 | 977 | 11 | |
| 480 | Pike Seminary | 500 | 23 | 500 | 2,000 | 20,000 | 1,200 | 1,200 | |
| 481 | Seymour Smith Academy | 491 | 24-54 | 261 | 13,804 | 0 | | 119 | 0 |
| 482 | Pompey Academy | 390 | 18-24 | 256 | 5,400 | | | 221 | |
| 483 | Quincy School | | 40-60 | | 4,000 | | | | |
| 484 | St. Mary's School | | 15 | | | | | | |
| 485 | Pulaski Academy | 500 | 25 | 500 | 18,477 | | | 400 | |
| 486 | Chamberlain Institute | 1,200 | 21 | 1,200 | 65,000 | 38,000 | 2,200 | | |
| 487 | Red Creek Union Seminary. | 400 | 20 | 400 | 10,000 | | | 1,404 | |
| 488 | DeGarmo Institute | 0 | 36 | 3,000 | 25,000 | 0 | 0 | 0 | |
| 489 | Saugerties Institute | | 20 | | 6,500 | | | | |
| 490 | Sauguit Academy | 300 | 24 | 265 | 4,200 | | | 310 | |
| 491 | Sherman Union School and Academy. | 645 | 15 | 506 | 11,200 | | | | |
| 492 | Sodus Academy | 277 | 21 | 539 | 3,520 | | | 800 | |
| 493 | Southold Academy | | 21 | | | | | | |
| 494 | Griffith Institute | 500 | 9-24 | 704 | 21,000 | 12,000 | 565 | 2,629 | |
| 495 | Stamford Seminary | 2,000 | 24 | 700 | 7,000 | | | 1,501 | |
| 496 | Staten Island Academy | 3,900 | 80 | | 26,000 | | | | |
| 497 | Unadilla Academy | 450 | 21 | 341 | 6,000 | 10,000 | 600 | | |
| 498 | Walworth Academy | | 18 | 250 | 8,000 | 800 | 48 | 156 | |
| 499 | Wilton Seminary | 180 | 15-30 | | 6,000 | 0 | 0 | | |
| 500 | Yates Academy | 287 | 5-7 | 200 | 3,200 | 0 | 0 | 0 | 18 |
| | NORTH CAROLINA. | | | | | | | | |
| 501 | Albemarle Academy | 200 | 30 | | 1,000 | | | | |
| 502 | Pamlico Male and Female Institute. | | 15-30 | | | | | | |

* Statistics of 1887-88.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes.—PART II—Continued.

| | Name of school. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|------------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| | NORTH CAROLINA—cont'd. | | | | | | | | |
| 503 | Belvidere Academy | 25 | \$16-22 | ----- | \$1,000 | ----- | ----- | 0 | 0 |
| 504 | Holt's School | 0 | 10-20 | ----- | ----- | ----- | ----- | ----- | ----- |
| 505 | Cana Academy | 0 | 20 | ----- | 1,000 | ----- | ----- | \$100 | ----- |
| 506 | Cary Collegiate School | 900 | 15-50 | \$30 | 3,000 | ----- | ----- | ----- | \$50 |
| 507 | Trinity School | ----- | 50 | ----- | 1,500 | ----- | ----- | 0 | ----- |
| 508 | Cedar Grove Academy* | ----- | 25-40 | ----- | 450 | 0 | 0 | ----- | ----- |
| 509 | Concordia College | 150 | 25 | 50 | 5,000 | 0 | 0 | 0 | 0 |
| 510 | Elizabeth City Academy | 100 | 30 | 100 | 5,000 | ----- | ----- | ----- | ----- |
| 511 | Richmond Training School | 70 | 10, 12, 15 | ----- | 600 | ----- | ----- | 400 | 500 |
| 512 | Enochville High School* | ----- | 12 | ----- | 506 | ----- | ----- | 160 | ----- |
| 513 | Farmers' Academy | ----- | 15-30 | ----- | 1,200 | 0 | 0 | 100 | ----- |
| 514 | Farmville Seminary | 40 | 20-40 | 0 | 2,500 | 0 | 0 | 0 | 0 |
| 515 | Fork Academy | 200 | 20-30 | 50 | 2,000 | ----- | ----- | ----- | ----- |
| 516 | Fremont Institute | 100 | 25 | ----- | 4,500 | ----- | ----- | ----- | 300 |
| 517 | Germanton Institute | ----- | 20 | ----- | 1,000 | ----- | ----- | ----- | ----- |
| 518 | Glenwood High School | 530 | 10-30 | ----- | ----- | ----- | ----- | ----- | ----- |
| 519 | Elon College | ----- | 45 | ----- | 30,000 | ----- | ----- | ----- | ----- |
| 520 | Male and Female Institute | 100 | 10-20 | 0 | 10,000 | 0 | 0 | 0 | 0 |
| 521 | High Point Classical Institute* | 0 | 15-40 | 25 | 2,500 | 0 | 0 | 0 | 0 |
| 522 | Holly Springs Academy | ----- | 15-35 | ----- | 2,500 | ----- | ----- | ----- | ----- |
| 523 | Collegiate Institute* | ----- | 16-30 | ----- | 2,000 | ----- | ----- | 265 | ----- |
| 524 | Salem High School | ----- | 35 | ----- | ----- | ----- | ----- | ----- | ----- |
| 525 | Kinston College | 200 | 18-32 | 100 | 3,500 | ----- | ----- | 0 | ----- |
| 526 | Somerville Institute | 100 | 20 | 75 | 500 | ----- | ----- | ----- | ----- |
| 527 | Leicester Academy | ----- | 10-20 | ----- | 2,500 | ----- | ----- | 148 | ----- |
| 528 | Liberty High School | ----- | 20 | ----- | 2,000 | ----- | ----- | ----- | ----- |
| 529 | Mocksville Academy | 300 | 15-30 | ----- | 1,500 | ----- | \$780 | 74 | ----- |
| 530 | Mooresville Academy | 0 | 12-30 | 0 | 800 | 0 | 0 | 94 | 0 |
| 531 | Moravian Falls Academy | 200 | 10-40 | 0 | 1,500 | 0 | 0 | 0 | 0 |
| 532 | Gillham's Academy | 100 | 10-25 | ----- | 3,000 | ----- | ----- | ----- | ----- |
| 533 | Liberty Hill Academy | ----- | 10-18 | ----- | 2,000 | ----- | ----- | ----- | 0 |
| 534 | Guilford College | 2,000 | 30 | 1,300 | 60,000 | \$20,000 | 1,032 | 0 | ----- |
| 535 | Catawba College | 1,500 | 13-40 | 500 | 12,000 | 12,000 | 720 | 0 | ----- |
| 536 | Oak Ridge Institute | 2,000 | 40 | 1,000 | 10,000 | 0 | 0 | 0 | 1,200 |
| 537 | Carolina Academy | ----- | 15-30 | ----- | 500 | ----- | ----- | ----- | ----- |
| 538 | Nahunta Academy* | 100 | 25 | ----- | ----- | 2,500 | ----- | 100 | ----- |
| 539 | Polkton Academy | 0 | 10-25 | ----- | 300 | 0 | 0 | 60 | 0 |
| 540 | Selma Academy | 0 | 20-45 | 0 | 1,000 | 0 | 0 | 0 | 0 |
| 541 | Greene Academy | 0 | 6-20 | 0 | 500 | 0 | 0 | 0 | 0 |
| 542 | Barnes' School | ----- | 20, 30, 40 | ----- | 600 | ----- | ----- | ----- | ----- |
| 543 | Fairview Academy | ----- | 10-25 | ----- | 1,500 | ----- | ----- | 125 | ----- |
| 544 | Cedar Run Academy | ----- | 16-20 | ----- | 1,000 | 0 | 0 | 0 | 0 |
| 545 | Anson Institute | 0 | 18-36 | 600 | ----- | ----- | ----- | 0 | ----- |
| 546 | Fork Institute | 200 | 30 | ----- | 2,500 | ----- | ----- | 80 | ----- |
| 547 | Warsaw High School | 0 | 15-30 | ----- | 2,000 | ----- | ----- | ----- | ----- |
| 548 | Grange High School | ----- | 15-30 | ----- | 800 | ----- | ----- | 90 | ----- |
| | OHIO. | | | | | | | | |
| 549 | Grand River Institute | 900 | 18-24 | 100 | 12,000 | 16,000 | 850 | ----- | ----- |
| 550 | Friends' Boarding School | ----- | a115 | ----- | 40,000 | 5,000 | 300 | 0 | 750 |
| 551 | Family and Day School for Girls and Boys | 145 | 50-150 | ----- | ----- | ----- | ----- | ----- | ----- |
| 552 | Ewington Academy | ----- | 20 | ----- | 1,000 | ----- | ----- | ----- | 0 |
| 553 | Classical Academy | 1,000 | 30 | 1,000 | 40,000 | ----- | ----- | ----- | ----- |
| 554 | Fultonham Academy | 170 | 24 | 35 | 12,000 | ----- | 600 | ----- | ----- |
| 555 | Gallia Academy | 400 | 20 | 100 | 5,000 | 13,000 | 600 | 0 | 0 |
| 556 | Green Springs Academy | 200 | 30 | 300 | 25,000 | ----- | ----- | ----- | ----- |
| 557 | Harlem Springs College | 600 | 37 | ----- | 20,000 | ----- | ----- | ----- | ----- |
| 558 | Western Reserve Academy | 1,000 | 30 | 200 | 50,000 | ----- | ----- | 0 | ----- |

* Statistics of 1887-88.

a Includes board.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes—PART II—Continued.

| | Name of school. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|----------------------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| | OHIO—continued. | | | | | | | | |
| 559 | New Hagerstown Academy. | 100 | \$12-36 | ..... | \$1,000 | \$200 | ..... | 0 | ..... |
| 560 | Greentown Academy | 1,600 | 30 | \$500 | 5,000 | 0 | 0 | 0 | 0 |
| 561 | Ohio Central Normal College. | 150 | 40 | 150 | 30,000 | ..... | ..... | ..... | ..... |
| 562 | Poland Union Seminary.. | 500 | 27 | 150 | 12,000 | 15,000 | \$900 | 0 | \$810 |
| 563 | Savannah Academy | 500 | 28 | 200 | 5,000 | 2,500 | 300 | ..... | ..... |
| 564 | South New Lyme Institute. | 550 | 18-24 | 300 | 1,500 | ..... | ..... | 0 | ..... |
| 565 | Salem Academy..... | 750 | 25 | 30 | 4,500 | 700 | 56 | ..... | ..... |
| 566 | Springfield Seminary..... | ..... | 45-75 | 250 | ..... | ..... | ..... | 0 | ..... |
| 567 | Ursuline Convent of Sacred Heart. | 2,000 | ..... | ..... | 148,600 | 0 | ..... | ..... | ..... |
| 568 | Tupper's Plains High School. | 600 | 15 | ..... | 1,000 | ..... | ..... | ..... | ..... |
| | OREGON. | | | | | | | | |
| 569 | La Creole Academic Institute. | 300 | 26 | 35 | 5,000 | 5,500 | 440 | 0 | 0 |
| 570 | St. Scholastica's Convent School.* | 100 | 10-15 | ..... | 8,000 | 0 | ..... | 0 | 0 |
| 571 | Grand Ronde School ..... | ..... | ..... | ..... | ..... | 0 | 0 | ..... | ..... |
| 572 | Friends' Pacific Academy. | 150 | 23-28 | 200 | 6,000 | 0 | 0 | 0 | 50 |
| 573 | St. John's School..... | ..... | 15 | 50 | ..... | 0 | 0 | ..... | ..... |
| 574 | Wasco Independent Academy. | 400 | 24-56 | 600 | 30,000 | 4,000 | 320 | 0 | 0 |
| | PENNSYLVANIA. | | | | | | | | |
| 575 | Belleville Academy..... | ..... | 45 | 0 | 5,000 | 0 | 0 | 0 | 0 |
| 576 | Moravian Parochial School. | ..... | 5-60 | 600 | 25,000 | ..... | 4,000 | 0 | ..... |
| 577 | Mountain Seminary..... | 1,000 | 40 | 500 | 25,000 | 0 | ..... | 0 | 0 |
| 578 | Jefferson Academy..... | 5,000 | 45 | ..... | 50,000 | ..... | ..... | ..... | ..... |
| 579 | Chester Academy | 500 | 59 | 300 | 15,000 | ..... | ..... | ..... | ..... |
| 580 | Maplewood Institute..... | 2,000 | 72 | 1,000 | 30,000 | ..... | ..... | ..... | ..... |
| 581 | Elder's Ridge Academy ..... | ..... | 20-32 | ..... | 1,000 | ..... | ..... | ..... | ..... |
| 582 | Erie Academy..... | 0 | 20-41 | ..... | 40,000 | 17,570 | 1,223 | 0 | 0 |
| 583 | Keystone Academy | 3,200 | 36 | 1,000 | 100,000 | ..... | ..... | ..... | ..... |
| 584 | Schuylkill Seminary | 600 | 28-40 | 500 | 50,000 | ..... | ..... | ..... | 2,300 |
| 585 | Abington Friends' School. | 60 | 25-55 | 175 | 30,000 | ..... | 1,500 | ..... | ..... |
| 586 | Martin Academy..... | 500 | 20 | 100 | 5,000 | 15,000 | 800 | 0 | 0 |
| 587 | Wyoming Seminary | 2,500 | 14 | 1,900 | 224,000 | 25,000 | ..... | ..... | 5,000 |
| 588 | Friends' Institute..... | ..... | 4-14 | 100 | 2,600 | 9,000 | 450 | 0 | 0 |
| 589 | London Grove Friends' School. | 0 | 25 | 30 | ..... | ..... | ..... | ..... | ..... |
| 590 | Stone Valley Academy..... | ..... | 25-30 | ..... | ..... | 0 | 0 | 0 | 0 |
| 591 | Ingleside Academy | 0 | 10-39 | ..... | ..... | ..... | ..... | ..... | ..... |
| 592 | Meyersdale Preparatory School. | 150 | 10-20 | ..... | 2,000 | ..... | ..... | ..... | 25 |
| 593 | Mifflin Academy* ..... | ..... | 32 | ..... | 2,000 | ..... | ..... | ..... | ..... |
| 594 | Western Pennsylvania Classical and Scientific Institute. | 1,700 | 36-45 | 300 | 30,000 | 124 | ..... | 0 | 300 |
| 595 | Palatinate College ..... | ..... | 40 | 200 | 20,000 | 0 | 0 | 0 | ..... |
| 596 | Bloomfield Academy | 550 | 40 | 300 | 6,500 | 0 | ..... | ..... | ..... |
| 597 | McElwain Institute | 600 | 21-15 | ..... | 5,000 | ..... | ..... | ..... | ..... |
| 598 | North Washington Academy. | 100 | 21 | ..... | 400 | ..... | ..... | \$10 | ..... |
| 599 | North Wales Academy..... | 400 | 20-30 | 300 | ..... | ..... | ..... | ..... | ..... |
| 600 | Friends' Select School..... | ..... | 16 | ..... | 2,500 | ..... | ..... | ..... | ..... |
| 601 | Oxford Academy ..... | ..... | 19-48 | 200 | 3,500 | 0 | 0 | 0 | ..... |
| 602 | Parkesburgh Academy..... | ..... | 40 | ..... | ..... | ..... | ..... | ..... | ..... |

* Statistics of 1887-88.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes—PART II—Continued.

| | Name of school. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|-------------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| | PENNSYLVANIA—cont'd. | | | | | | | | |
| 603 | Perkiomen Seminary..... | | \$16-48 | | \$4,000 | | | | |
| 604 | College Preparatory School..... | | 60-200 | \$200 | | | | | |
| 605 | Friends' Central High School..... | 475 | 80-120 | 2,150 | 100,000 | | | | |
| 606 | Friends' Select School*..... | | 40-80 | 500 | 40,000 | \$89,000 | \$484 | 0 | |
| 607 | Institute for Colored Youth.* | 3,500 | 0 | 2,500 | | 150,000 | 9,000 | 0 | \$20,000 |
| 608 | Schleigh Academy..... | | 40-75 | | | | | | |
| 609 | Pleasant Mount Academy..... | 300 | 13 | 50 | 2,000 | | | | |
| 610 | Reid Institute..... | 500 | 30 | | 8,000 | | | | |
| 611 | Riegelsville Academy..... | 1,000 | 33 | 0 | 10,000 | 6,000 | 300 | 0 | 0 |
| 612 | Clarion Collegiate Institute..... | 520 | 30 | 250 | 6,000 | 0 | | 0 | 250 |
| 613 | School of the Lackawanna..... | 2,000 | 50-80 | 500 | 30,000 | | | 0 | |
| 614 | Missionary Institute..... | 2,500 | 24-39 | 250 | 25,000 | 0 | 0 | 0 | 0 |
| 615 | Hall Institute..... | 288 | 30 | 154 | 20,000 | 0 | 0 | 0 | 10,000 |
| 616 | Sheakleyville Academy..... | 123 | 15 | 48 | 5,000 | | | | |
| 617 | English and Classical Institute..... | 0 | 30-50 | 120 | 3,500 | 0 | 0 | 0 | 0 |
| 618 | Susquehanna Collegiate Institute..... | 1,000 | 32 | 1,600 | 50,000 | | | | |
| 619 | Westtown Boarding School..... | 4,500 | 180 | | 500,000 | 400,000 | 20,000 | 0 | 40,000 |
| 620 | Williamsport Dickinson Seminary..... | 3,000 | | | 100,000 | 0 | 0 | 0 | 3,200 |
| 621 | York Collegiate Institute..... | 2,500 | 40 | 1,500 | 75,000 | 100,000 | 6,000 | 0 | |
| | RHODE ISLAND. | | | | | | | | |
| 622 | Pawtucket High School..... | 485 | α60 | | | | | | |
| 623 | Friends' New England Boarding School..... | 8,000 | 60 | 500 | 500,000 | 225,000 | 11,500 | 0 | 0 |
| 624 | St. Mary's Ursuline Academy..... | 350 | 12-40 | | | | | | |
| | SOUTH CAROLINA. | | | | | | | | |
| 625 | Home School..... | | 18 | | 1,100 | | | \$200 | |
| 626 | Wallingford Academy..... | 318 | 18-36 | | 14,000 | 0 | 0 | 0 | |
| 627 | Benedict Institute..... | 1,500 | 8 | 600 | 50,000 | 33,000 | | | |
| 628 | Penn School..... | 300 | 0 | 25 | 1,000 | 0 | 0 | 0 | 600 |
| 629 | Grove School*..... | 0 | 10 | 0 | 400 | 0 | 0 | 115 | 0 |
| 630 | English and Classical Institute..... | 0 | 15-40 | 50 | 6,000 | | | 70 | |
| 631 | Sheridan Classical School*..... | 200 | 25 | | 5,000 | 0 | 0 | 0 | 0 |
| 632 | Mount Zion Institute..... | | 20-30 | | | | | | |
| | TENNESSEE. | | | | | | | | |
| 633 | Bloomington College..... | 38 | 12 | | 5,000 | | | | |
| 634 | Kingsley Seminary..... | 25 | 10-20 | 200 | 2,200 | | | 150 | 0 |
| 635 | Chatata High School..... | | 150 | | 1,200 | | | 400 | |
| 636 | Church Hill Academy..... | | 12-25 | | 3,500 | | | 100 | |
| 637 | Clifton Masonic Academy..... | 75 | 10-30 | | 2,000 | | | | |
| 638 | Hoyle College..... | 0 | 13 | 0 | 1,000 | 0 | 0 | 350 | 0 |
| 639 | Decaturville High School..... | | 30 | | 500 | | | | |
| 640 | Tennessee Valley College..... | 100 | 20 | | | | | | |
| 641 | Friendsville Academy..... | 300 | 9-18 | 100 | 8,000 | 0 | | 150 | 0 |
| 642 | Gardner Academy..... | 0 | | 0 | 2,000 | | | 375 | 0 |
| 643 | Grassy Cove Academy..... | 150 | 5 | 150 | 2,000 | | | 88 | |
| 644 | Hartsville Masonic Institute..... | 1,400 | 20-40 | 200 | 10,000 | | | | |

* Statistics of 1887-88

α For nonresidents.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes.—PART II—Continued.

| | Name of school. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|-----------------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| | TENNESSEE—continued. | | | | | | | | |
| 645 | Irving College | | \$40 | | \$3,000 | | | | |
| 646 | Fairview Private School* | | 18 | | 2,000 | | | | |
| 647 | Knoxville College | 1,800 | 4 | \$50 | 60,000 | 0 | 0 | \$500 | \$200 |
| 648 | Southern Normal College | 200 | 20-40 | 200 | 2,500 | | | 95 | |
| 649 | Loudon High School | 75 | 5-15 | 25 | 10,000 | | | | |
| 650 | McTeyre Institute | 500 | 20-50 | | 93,000 | | | | |
| 651 | Manchester College* | 500 | 25 | 10 | 1,000 | 0 | | 0 | |
| 652 | Mohawk Seminary | | 15 | 0 | 1,000 | 0 | 0 | 156 | 0 |
| 653 | Fairmount College | 600 | 60 | | 8,000 | 0 | | 0 | |
| 654 | Union Male and Female Seminary | | 15-37 | 0 | 6,000 | 0 | 0 | 2,300 | 0 |
| 655 | Hatchie Academy | | 40 | | 200 | | | 100 | |
| 656 | Parrottville High School | 450 | 10-25 | 0 | 1,000 | 0 | 0 | 0 | 0 |
| 657 | Male and Female Academy | 0 | 23 | 150 | 1,400 | 0 | | | |
| 658 | Santa Fé Institute | 20 | 16-40 | 40 | 800 | 0 | 0 | 0 | 0 |
| 659 | Sequachee College | 0 | 20 | | 3,000 | | | | |
| 660 | Pure Fountain College | 0 | 12-30 | | 11,125 | 0 | 0 | 500 | 0 |
| 661 | Obion Normal College | 700 | 33 | 15 | 12,000 | 0 | 0 | 800 | 0 |
| 662 | Pleasant Grove Seminary | | 10 | | 1,200 | | | 450 | |
| 663 | Washington College | 400 | 16 | 200 | 10,000 | 0 | 0 | 0 | 0 |
| 664 | Powell's Valley Seminary | 125 | 10-30 | 0 | 7,000 | 0 | 0 | 0 | 200 |
| 665 | Edwards Academy | 200 | 23 | 225 | 3,000 | | | 340 | |
| | TEXAS. | | | | | | | | |
| 666 | English and German School | | | | | | | | |
| 667 | Buffalo Gap College | 500 | 40 | 400 | 15,000 | | | | 800 |
| 668 | Crockett Academy* | 0 | 26-16 | 0 | 1,500 | 0 | 0 | 720 | 0 |
| 669 | Dangerfield High School | | 25 | | 7,500 | | | 500 | 0 |
| 670 | Gonzales Male and Female College* | 120 | 20-40 | | 25,000 | \$10,000 | \$500 | 2,000 | |
| 671 | Hearne Academy | 250 | 8 | 0 | 5,000 | | | | 300 |
| 672 | Livingston Academy | 0 | 15-40 | 0 | 4,000 | | | | 0 |
| 673 | Bishop College | 700 | 8 | 500 | 50,000 | | | | 422 |
| 674 | Summer Hill Select School | 150 | 20 | 300 | 2,500 | 0 | 0 | 0 | 0 |
| 675 | Plano Institute | | 20-50 | | 8,000 | | | | |
| 676 | Masonic Institute | | 30 | 200 | 3,000 | 0 | 0 | 1,500 | 0 |
| 677 | German and English School | 250 | 30-48 | | 20,000 | | | | |
| 678 | Coronal Institute | | 20-50 | | 12,000 | | | 399 | |
| 679 | San Saba College | 0 | 25 | 0 | 6,000 | | | 850 | 0 |
| 680 | Central College | 500 | 20-50 | 700 | 20,000 | | | 0 | |
| 681 | Central College | 20 | 15-40 | 400 | 4,000 | | | 1,000 | |
| 682 | Male and Female College | 300 | 20-45 | 300 | 10,000 | 0 | 0 | 800 | 0 |
| | UTAH. | | | | | | | | |
| 683 | Willard Academy | | 0 | | 3,500 | | | | |
| 684 | Hooper New West School | 75 | | | | | | | |
| 685 | Brigham Young College | 173 | 12-24 | | | | | | |
| 686 | Wasatch Academy | | 6 | 0 | 7,000 | 0 | | 0 | |
| 687 | Ordan Academy* | | 3-6 | 300 | 20,000 | | | | |
| 688 | School of the Good Shepherd | 73 | 15 | | 30,000 | | | | 1,008 |
| 689 | St. Paul's School | 50 | 50 | 0 | 1,800 | | | | |
| 690 | Brigham Young Academy | 755 | 25 | 1,200 | 75,000 | | | | 5,000 |
| 691 | Proctor Academy | 300 | 9 | | 10,000 | | | | |
| 692 | St. Mark's School | 1,682 | | | 20,000 | | | | |
| 693 | Salt Lake Collegiate Institute | 600 | 40 | 500 | 40,000 | | | | |
| 694 | Salt Lake Seminary | 150 | 20-40 | | 25,000 | | | | 12,000 |

* Statistics of 1887-88.

TABLE 7.—STATISTICS OF ENDOWED ACADEMIES, SEMINARIES, AND OTHER PRIVATE SECONDARY SCHOOLS FOR 1888-89—Continued.

DIVISION C.—Private schools for both sexes.—PART II—Continued.

| | Name of school. | Volumes in library. | Annual charge for tuition. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for the year from productive funds. | Amount of State or municipal aid for the year. | Benefactions received during the year. |
|-----|----------------------------------|---------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|------------------------------------------------|----------------------------------------|
| | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| | VERMONT. | | | | | | | | |
| 695 | Brigham Academy..... | 150 | \$15-24 | \$500 | \$12,784 | \$30,000 | \$1,800 | 0 | \$150 |
| 696 | Goddard Seminary..... | 1,540 | 40 | 100 | 75,000 | 23,000 | 1,150 | \$92 | ..... |
| 697 | Chelsea Academy..... | 50 | 12-18 | ..... | ..... | 0 | 0 | 680 | 15 |
| 698 | Derby Academy*..... | 200 | 18 | 50 | 8,000 | 2,300 | 115 | 0 | 0 |
| 699 | Essex Classical Institute. | 200 | 15 | 0 | 6,000 | 10,000 | 500 | 0 | 5 |
| 700 | New Hampton Institute. | 3,000 | 15 | 300 | 4,000 | 2,800 | 148 | 0 | 0 |
| 701 | Lamoille Central Academy. | ..... | 15 | ..... | 2,000 | ..... | ..... | ..... | ..... |
| 702 | Lyndon Institute..... | 750 | 18-30 | 2,500 | 20,000 | 30,000 | 1,500 | 0 | 400 |
| 703 | Burr and Burton Seminary. | 500 | 21-30 | 300 | 25,000 | 30,000 | 1,800 | 0 | 0 |
| 704 | Vermont Methodist Seminary. | 1,500 | 30 | 100 | 80,000 | 40,000 | 2,100 | 0 | 0 |
| 705 | Caledonia County Grammar School. | ..... | 12-16 | 300 | 10,000 | 15,000 | 900 | ..... | ..... |
| 706 | Troy Conference Academy. | 1,958 | 20-40 | 350 | 55,000 | 3,000 | 180 | 0 | 5,500 |
| 707 | St. Johnsbury Academy..... | ..... | 30 | 2,000 | 15,000 | 100,000 | 6,000 | ..... | ..... |
| 708 | Vermont Academy..... | 1,000 | 36 | 2,000 | 100,000 | 100,000 | 5,040 | 0 | ..... |
| 709 | Green Mountain Perkins Academy. | 300 | 16 | 500 | 2,000 | 10,000 | 450 | 0 | 0 |
| 710 | Thetford Academy..... | 0 | 20 | 75 | 10,000 | 6,000 | 375 | 0 | 0 |
| 711 | Underhill Academy..... | ..... | 18 | 50 | 2,000 | ..... | ..... | ..... | ..... |
| 712 | Green Mountain Seminary. | 775 | 21 | 100 | 30,000 | 10,000 | 900 | 0 | 600 |
| 713 | Glenwood Classical Seminary. | 400 | 6-26 | ..... | 8,000 | 10,000 | ..... | 0 | 0 |
| | VIRGINIA. | | | | | | | | |
| 714 | Shenandoah Institute..... | 400 | 20 | 500 | 6,000 | 0 | 0 | 0 | ..... |
| 715 | Herndon Seminary..... | 100 | 16-27 | 0 | 1,100 | 0 | 0 | 0 | 0 |
| 716 | Curry College*..... | 0 | 20 | ..... | 2,000 | ..... | ..... | 275 | 0 |
| 717 | Norfolk Mission College..... | 500 | 2-9 | 100 | 22,000 | ..... | ..... | 0 | 200 |
| 718 | Onancock Academy..... | 750 | 40-50 | 150 | 8,000 | 0 | 0 | 0 | 50 |
| 719 | Suffolk Collegiate Institute. | 500 | 40 | ..... | 8,000 | 0 | 0 | 0 | 0 |
| | WASHINGTON. | | | | | | | | |
| 720 | Benj. P. Cheney Academy..... | ..... | 9 | 40 | ..... | ..... | ..... | ..... | ..... |
| 721 | Colfax College..... | 300 | 36 | 200 | 15,000 | 0 | 0 | 0 | ..... |
| 722 | Puget Sound Academy..... | 1,000 | 30 | 120 | 10,000 | 10,000 | ..... | 0 | 340 |
| 723 | Ellensburg Academy..... | 300 | 27-40 | ..... | 10,000 | 0 | 0 | 0 | ..... |
| 724 | Washington Seminary..... | 124 | 18-42 | 100 | 2,000 | 8,000 | 800 | ..... | 500 |
| 725 | Chehalis Valley Academy..... | ..... | 18 | ..... | 3,000 | ..... | ..... | ..... | ..... |
| 726 | Olympia Collegiate Institute. | 600 | 36 | ..... | 18,000 | ..... | ..... | ..... | ..... |
| 727 | Sumner Academy..... | ..... | 24-30 | ..... | 6,000 | ..... | ..... | ..... | ..... |
| 728 | Waitsburg Academy..... | 250 | 34 | 75 | 5,000 | 3,000 | 800 | 0 | 1,500 |
| 729 | School of Modern Languages. | ..... | a3-6 | ..... | ..... | ..... | ..... | ..... | ..... |
| | WEST VIRGINIA. | | | | | | | | |
| 730 | St. Mary's Academy..... | 0 | ..... | ..... | ..... | 0 | 0 | 0 | 0 |
| | WISCONSIN. | | | | | | | | |
| 731 | Albion Academy..... | 350 | 27 | 200 | 5,000 | 0 | ..... | 0 | ..... |
| 732 | Wayland Academy..... | 2,000 | 26 | 200 | 45,000 | 35,000 | 2,500 | 0 | 11,000 |
| 733 | Berlin High School..... | 800 | 0 | 300 | 30,000 | 0 | ..... | 104 | 0 |
| 734 | Evansville Seminary..... | 150 | 18-24 | 200 | 2,500 | ..... | ..... | ..... | 5,000 |
| 735 | Cathedral Institute..... | 500 | 24-60 | ..... | ..... | ..... | ..... | ..... | ..... |
| 736 | German-English Academy. | 800 | 20-100 | 1,000 | 36,000 | 7,500 | 400 | 0 | 0 |
| 737 | Carroll College..... | 500 | 28-36 | 500 | 40,000 | 18,000 | 1,080 | 0 | 1,570 |

* Statistics of 1887-88.

a Charge for a month.

CHAPTER XXVIII.

SUPERIOR AND PROFESSIONAL INSTRUCTION.

I.—COLLEGES FOR WOMEN.

The separation of this class of institutions into two divisions has been found to work quite successfully. It is hoped that a greater number of institutions will gradually raise their standards sufficiently to be included in Division A of Table 2. The only one that has been added to this division since the publication of the Report for 1887-88 is Mount Holyoke Seminary and College, South Hadley, Mass., which has lately been granted a charter, and now possesses full collegiate powers.

The number of institutions included in Table 2 is 198, which is 9 less than were reported in 1887-88. This decrease in numbers is due, very likely, to failure on the part of these institutions to report their statistics.

Tables 1 and 2 present the summarized and detailed statistics of these institutions.

TABLE 1.—Summary of statistics of institutions for the higher instruction of women for 1888-89.

| States. | Number of schools. | | Number of instructors. | | Students. | | | | Number of volumes in libraries. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Receipts from tuition fees. | Total income. | Benefactions. | |
|--------------------------|--------------------|---------|------------------------|-----------------------------------|----------------------------------|---------------|------------------------------|-------|---------------------------------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|-----------------------------|---------------|---------------|--|
| | Male. | Female. | Total. | Number in preparatory department. | Number in collegiate department. | Total number. | Number of graduates in 1889. | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| NORTH ATLANTIC DIVISION. | | | | | | | | | | | | | | | | | |
| Maine..... | 2 | 15 | 11 | 26 | 30 | 70 | 493 | 61 | 9,100 | \$8,500 | \$205,000 | \$146,000 | \$7,200 | \$8,340 | \$19,000 | \$1,500 | |
| New Hampshire..... | 3 | 7 | 19 | 26 | 96 | 315 | 441 | 32 | 2,400 | 2,305 | 225,000 | 32,000 | 1,920 | 3,270 | 5,190 | | |
| Massachusetts..... | 9 | 103 | 181 | 284 | 29 | 1,756 | 2,099 | 231 | 75,437 | 46,000 | 3,004,000 | 1,082,925 | 68,235 | 331,506 | 424,070 | 41,719 | |
| New York..... | 13 | 40 | 243 | 283 | 808 | 1,121 | 2,806 | 149 | 46,165 | 133,997 | 2,330,128 | 653,127 | 36,507 | 212,357 | 253,397 | 44,708 | |
| New Jersey..... | 2 | 3 | 18 | 21 | 21 | 35 | 144 | 19 | 300 | 1,550 | 123,500 | ..... | ..... | 18,900 | 18,900 | | |
| Pennsylvania..... | 12 | 56 | 128 | 184 | 275 | 866 | 1,334 | 142 | 31,180 | 15,000 | 960,000 | 713,000 | 41,180 | 22,500 | 77,300 | 3,100 | |
| SOUTH ATLANTIC DIVISION. | | | | | | | | | | | | | | | | | |
| Maryland..... | 6 | 17 | 55 | 72 | 249 | 344 | 669 | 53 | 9,645 | 14,800 | 421,000 | 175,000 | 4,250 | 13,100 | 20,350 | 210,000 | |
| Virginia..... | 19 | 56 | 132 | 188 | 444 | 1,402 | 1,944 | 113 | 10,520 | 6,500 | 651,000 | 2,500 | 150 | 60,331 | 64,481 | 5,000 | |
| West Virginia..... | 3 | 2 | 17 | 19 | 19 | 85 | 159 | 11 | 550 | 500 | 26,000 | ..... | ..... | 1,200 | 1,200 | | |
| North Carolina..... | 15 | 37 | 117 | 154 | 462 | 958 | 1,753 | 139 | 23,150 | 8,650 | 463,500 | 1,000 | 80 | 80,200 | 92,512 | 5,000 | |
| South Carolina..... | 5 | 10 | 40 | 50 | 199 | 507 | 722 | 73 | 2,100 | 1,300 | 110,000 | 1,000 | 80 | 15,000 | 15,700 | ..... |  |
| Georgia..... | 9 | 30 | 71 | 101 | 330 | 1,019 | 1,569 | 141 | 8,580 | 5,200 | 392,000 | 40,000 | 2,000 | 8,750 | 20,125 | ..... |  |
| SOUTH CENTRAL DIVISION. | | | | | | | | | | | | | | | | | |
| Kentucky..... | 19 | 34 | 138 | 172 | 864 | 1,200 | 2,278 | 153 | 13,180 | 5,450 | 469,000 | ..... | ..... | 63,085 | 76,535 | 5,750 | |
| Tennessee..... | 11 | 21 | 112 | 133 | 220 | 740 | 1,677 | 121 | 21,550 | 8,500 | 426,000 | ..... | ..... | 32,386 | 42,512 | ..... |  |
| Alabama..... | 9 | 11 | 72 | 83 | 246 | 511 | 1,251 | 103 | 16,153 | 7,500 | 395,000 | ..... | ..... | 49,860 | 49,860 | 16,000 | |
| Mississippi..... | 11 | 16 | 88 | 104 | 578 | 843 | 1,517 | 67 | 6,650 | 2,425 | 283,000 | ..... | ..... | 22,650 | 46,204 | ..... |  |
| Louisiana..... | 2 | 3 | 11 | 14 | 55 | 104 | 160 | 4 | 1,100 | 300 | 40,000 | 28,000 | 2,600 | 3,000 | 5,600 | ..... |  |
| Texas..... | 3 | 11 | 26 | 37 | 114 | 273 | 510 | 15 | 2,000 | 675 | 138,000 | ..... | ..... | 42,000 | 42,200 | 2,000 | |
| NORTH CENTRAL DIVISION. | | | | | | | | | | | | | | | | | |
| Ohio..... | 10 | 44 | 113 | 157 | 145 | 735 | 1,059 | 106 | 15,091 | 4,000 | 884,633 | 185,000 | 9,430 | 47,742 | 67,228 | 95,700 | |
| Indiana..... | 1 | 6 | 3 | 9 | 76 | 37 | 146 | 10 | 500 | 500 | 50,000 | ..... | ..... | 2,124 | 2,402 | ..... |  |
| Illinois..... | 8 | 24 | 90 | 114 | 198 | 355 | 950 | 63 | 11,500 | 6,300 | 519,100 | ..... | ..... | 29,242 | 29,454 | 5,000 | |
| Michigan..... | 1 | ... | 7 | 7 | ..... | 50 | 50 | ..... | 1,530 | 1,500 | 50,000 | 23,000 | 1,300 | 3,000 | 4,300 | 500 | |
| Wisconsin..... | 3 | 2 | 44 | 46 | 175 | 101 | 328 | 14 | 5,750 | 3,400 | 125,000 | 45,000 | 2,500 | 8,790 | 11,290 | 1,000 | |

TABLE 1.—Summary of statistics of institutions for the higher instruction of women for 1888-89.—Continued.

| States. | Number of schools. | | Number of instructors. | | Students. | | | | Number of volumes in libraries. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Receipts from tuition fees. | Total income. | Benefactions. |
|-----------------------------------|--------------------|---------|------------------------|-----------------------------------|----------------------------------|---------------|------------------------------|-------|---------------------------------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|-----------------------------|---------------|---------------|
| | Male. | Female. | Total. | Number in preparatory department. | Number in collegiate department. | Total number. | Number of graduates in 1889. | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| NORTH CENTRAL DIVISION—continued. | | | | | | | | | | | | | | | | |
| Minnesota | 3 | 4 | 29 | 33 | 66 | 82 | 273 | 28 | 4,850 | \$600 | \$215,000 | \$70,000 | \$4,200 | \$41,450 | \$47,200 | \$6,500 |
| Missouri..... | 13 | 31 | 108 | 139 | 370 | 1,048 | 1,720 | 81 | 8,250 | 5,400 | 530,000 | | | 72,565 | 83,165 | 4,200 |
| Kansas..... | 2 | 6 | 30 | 36 | 154 | 74 | 363 | 4 | 1,600 | 850 | 474,000 | | | 18,172 | 18,172 | |
| WESTERN DIVISION. | | | | | | | | | | | | | | | | |
| Oregon | 1 | 1 | 10 | 11 | 30 | 123 | 153 | 2 | 1,000 | 200 | 340,000 | 50,000 | 3,500 | 12,500 | 16,000 | |
| California..... | 3 | 12 | 33 | 45 | 133 | 163 | 377 | 17 | 4,600 | | | | | | | |
| SUMMARY. | | | | | | | | | | | | | | | | |
| North Atlantic Division | 41 | 224 | 600 | 824 | 1,259 | 4,163 | 7,317 | 634 | 164,582 | 207,352 | 6,937,628 | 1,647,052 | 155,042 | 596,873 | 798,757 | 91,027 |
| South Atlantic Division | 57 | 152 | 432 | 584 | 1,723 | 4,315 | 6,816 | 530 | 54,545 | 35,950 | 2,081,500 | 219,500 | 6,500 | 178,481 | 214,368 | 230,000 |
| South Central Division | 55 | 96 | 447 | 543 | 2,078 | 3,671 | 7,393 | 463 | 54,633 | 24,850 | 1,777,000 | 28,000 | 2,600 | 213,881 | 262,941 | 23,750 |
| North Central Division..... | 41 | 117 | 424 | 541 | 1,184 | 2,482 | 4,889 | 306 | 49,071 | 22,550 | 2,847,733 | 323,000 | 17,490 | 223,085 | 263,301 | 112,900 |
| Western Division..... | 4 | 13 | 43 | 56 | 163 | 286 | 530 | 19 | 5,600 | 200 | 340,000 | 50,000 | 3,500 | 12,500 | 16,000 | |
| Total | 198 | 602 | 1,946 | 2,548 | 6,407 | 14,917 | 26,945 | 1,932 | 328,431 | 290,902 | 13,950,861 | 2,267,552 | 185,192 | 1,224,820 | 1,555,367 | 447,677 |

TABLE 2.—DIVISION A.—Statistics of institutions for the higher instruction of women for 1888-89.—PART I.

| Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. | Professors and instructors. | | Students. | | | | | | Number of graduates at commencement of 1888-1889. |
|-----------|----------------------|---------------------------------------------|------------------|------------------------|-------------------------|-----------------------------|---------|-----------|-----------------------------------|-------------------------------|----------------------|------------------------------|---------------|---------------------------------------------------|
| | | | | | | Male. | Female. | Total. | Number in preparatory department. | Number in college department. | Number of graduates. | Number in other departments. | Total number. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 1 | Cambridge, Mass..... | Arthur Gilman, A. M., sec. retary. | 1882 | 1879 | Non-sect.. | 55 | 0 | 55 | 0 | 115 | 0 | 0 | 115 | 5 |
| 2 | Northampton, Mass.. | Rev. L. Clark Seelye, D. D..... | 1871 | 1875 | Non-sect.. | 14 | 15 | 29 | 0 | 355 | 10 | ..... | 437 | 49 |
| 3 | South Hadley, Mass.. | Miss Elizabeth Blanchard, acting president. | 1836 | 1837 | Non-sect.. | 5 | 36 | 41 | 0 | 304 | 2 | ..... | 306 | 49 |
| 4 | Wellesley, Mass..... | Helen A. Shafer, M. A..... | 1870 | 1875 | Non-sect.. | 6 | 67 | 73 | 0 | 675 | 10 | ..... | 6-5 | 76 |
| 5 | Andover, N. Y..... | Edward S. Frisbee, D. D..... | 1867 | 1868 | Non-sect.. | 4 | 12 | 16 | 5 | 46 | 0 | ..... | 53 | 7 |
| 6 | Le Roy, N. Y..... | Rev. Wm. W. Tothoroh, D. D..... | 1857 | 1837 | Presb..... | 1 | 17 | 18 | 70 | 25 | 2 | ..... | 127 | 8 |
| 7 | Poughkeepsie, N. Y.. | James M. Taylor, D. D..... | 1861 | 1885 | Non-sect.. | 9 | 28 | 37 | 0 | 243 | 3 | 65 | 311 | 49 |
| 8 | Bryn Mawr, Pa..... | James E. Rhoads, LL. D..... | 1880 | 1885 | Non-sect.. | 16 | 6 | 22 | 0 | 99 | 17 | 0 | 116 | 24 |

TABLE 2.—DIVISION A.—Statistics of institutions for the higher instruction of women for 1888-89.—PART II.

| Name. | Number of years in college course. | Number of State scholarships. | Number of other scholarships. | Annual charge for tuition. | Average cost of board and lodging per annum. | Number of volumes in library. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Receipts from tuition fees. | Total income. | Monofactions. |
|-------|------------------------------------------------------|-------------------------------|-------------------------------|----------------------------|----------------------------------------------|-------------------------------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|-----------------------------|---------------|---------------|
| | | | | | | | | | | | | | |
| 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 1 | Society for the Collegiate Instruction of Women..... | 4 | 0 | \$200 | \$300 | 2,500 | \$1,000 | \$30,000 | \$75,000 | \$3,500 | \$15,800 | \$19,310 | ..... |
| 2 | Smith College..... | 4 | 0 | 100 | 250 | 6,000 | 30,000 | 500,000 | 470,000 | 27,500 | 40,725 | 68,225 | \$13,000 |
| 3 | Mount Holyoke Seminary and College..... | 4 | 78 | \$200 | 250 | 12,765 | 10,000 | 319,000 | 295,000 | 13,500 | 656,265 | 69,765 | 6,500 |
| 4 | Wellesley College..... | 4 | ..... | 150 | 200 | 31,272 | 10,000 | 2,000,000 | 242,000 | 20,000 | 6184,250 | 204,250 | ..... |
| 5 | Wells College..... | 4 | 0 | 100 | 300 | 2,500 | 9,000 | 45,000 | 200,000 | 9,000 | 6,577 | 15,750 | ..... |
| 6 | Ingham University..... | 4 | 0 | 30 | 200 | 2,000 | 4,000 | 83,000 | ..... | ..... | 9,077 | 9,077 | 1,000 |
| 7 | Vassar College..... | 4 | 0 | 100 | 300 | 18,000 | 96,591 | 532,628 | 483,127 | 26,729 | 616,201 | 142,930 | 12,000 |
| 8 | Bryn Mawr College..... | 4 | 0 | 100 | 275 | 6,280 | 8,000 | 420,000 | 700,000 | 40,000 | 11,300 | 52,000 | 1,100 |

a Includes board.

b Includes receipts for board, etc.

c And 6 fellowships.

TABLE 2.—DIVISION B.—Statistics of institutions for

| | Location. | Name. | President. |
|----|----------------------------------------|------------------------------------------|----------------------------------------|
| | 1 | 2 | 3 |
| | ALABAMA. | | |
| 1 | Athens | Athens Female College | Rev. M. G. Williams, D. D. ... |
| 2 | Eufaula | Union Female College* | A. H. Todd |
| 3 | Huntsville | Huntsville Female College | Rev. A. B. Jones, D. D., LL. D. ... |
| 4 | do | Huntsville Female Seminary | J. D. Anderson, A. M. ... |
| 5 | Marion | Judson Female Institute | S. W. Averett |
| 6 | do | Marion Female Seminary* | Jas. D. Wade |
| 7 | Tuscaloosa | Central Female College | S. B. Foster, A. M. ... |
| 8 | do | Tuscaloosa Female College* | Alonzo Hill, A. M. ... |
| 9 | Tuskegee | Alabama Conference Female College* | John Massey, LL. D. ... |
| | CALIFORNIA. | | |
| 10 | Los Angeles | The Ellis College* | Henry Ludlam |
| 11 | Mills College | Mills College | Rev. C. C. Stratton, D. D. ... |
| 12 | Santa Rosa | Santa Rosa Ladies' College | Rev. W. A. Finley, A. M., D. D. ... |
| | GEORGIA. | | |
| 13 | Athens | Lucy Cobb Institute | Miss Mildred Rutherford |
| 14 | Covington | Georgia Methodist Female College | Rev. J. T. McLaughlin, A. M. ... |
| 15 | Cuthbert | Andrew Female College | H. W. Key |
| 16 | Dalton | Dalton Female College* | John A. Jones, A. M. ... |
| 17 | Porsyth | Monroe Female College | Richard Thos. Asbury, A. M. ... |
| 18 | La Grange | La Grange Female College | Rufus W. Smith |
| 19 | do | Southern Female College | Mrs. I. F. Cox |
| 20 | Macon | Wesleyan Female College | Rev. William C. Bass, D. D. ... |
| 21 | Thomasville | Young Female College | John E. Baker |
| | ILLINOIS. | | |
| 22 | Chicago (485 W. Taylor st.) | Seminary of the Sacred Heart | Madame Henrietta Spalding |
| 23 | Greenville | Almira College | James C. Slade |
| 24 | Jacksonville | Illinois Female College* | W. F. Short, D. D. ... |
| 25 | do | Jacksonville Female Academy | E. F. Bullard |
| 26 | Knoxville | St. Mary's School | Rev. C. W. Leasingwell, D. D. ... |
| 27 | Morgan Park | Chicago Female College | Gilbert Thayer, D. D. ... |
| 28 | Mount Carroll | Mount Carroll Seminary | Mrs. F. A. Wood Shimer |
| 29 | Rockford | Rockford Seminary* | Miss Anna B. Gelston |
| | INDIANA. | | |
| 30 | Fort Wayne | Fort Wayne College | H. N. Herrick |
| | KANSAS. | | |
| 31 | Oswego | College for Young Ladies | Miss Susan H. Johnson |
| 32 | Topeka | Colleges of the Sisters of Bethany | Rt. Rev. T. H. Vail, D. D., LL. D. ... |
| | KENTUCKY. | | |
| 33 | Clinton | Clinton College | Amanda M. Hicks |
| 34 | Danville | Caldwell College | Miss Charlotte A. Campbell |
| 35 | Georgetown | Georgetown Female Seminary | James J. Rucker, LL. D. ... |
| 36 | Glasgow | Liberty Female College | Rev. T. Simpson McCall |
| 37 | Glendale | Lynnland Female College | E. W. Elrod and E. W. White |
| 38 | Harrodsburgh | Daughters College | Jno. Aug. Williams |
| 39 | Hopkinsville | Bethel Female College | J. W. Rust, LL. D. ... |
| 40 | Lexington | Hamilton Female College | J. T. Patterson |
| 41 | Lexington (110 Limestone street) | St. Catharine's Female Academy | Sister Servant |
| 42 | Lexington | Sayre Female Institute | H. B. McClellan |

* Statistics of 1887-88.

the higher instruction of women for 1888-89.—PART I.

| Date of charter. | Year of first opening. | Religious denomination. | Professors and instructors. | | | Students. | | | | | Are you authorized to confer degrees? | Number of years in college course. | Number of State scholarships. | Number of other scholarships. |
|------------------|------------------------|-------------------------|-----------------------------|---------|--------|-----------------------------------|----------------------------------|-------------------------------|-------------------|---------------------------------|---------------------------------------|------------------------------------|-------------------------------|-------------------------------|
| | | | Male. | Female. | Total. | Number in preparatory department. | Number in collegiate department. | Number of resident graduates. | Total enrollment. | Number of graduates in 1888-89. | | | | |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 1843 | 1844 | M. E. So. | 1 | 8 | 8 | 50 | 70 | 4 | 120 | 5 | Yes. | 5 | 0 | 0 |
| 1852 | 1853 | Non-sect. | 1 | 3 | 4 | 21 | 45 | ... | 68 | 2 | Yes. | 4 | ... | 2 |
| 1850 | 1843 | M. E. So. | 1 | 13 | 19 | 63 | 204 | 44 | 267 | 48 | Yes. | 5 | ... | 3 |
| 1840 | 1840 | Presb. | 1 | 4 | 5 | 20 | 30 | ... | 50 | 8 | Yes. | 4 | 0 | 4 |
| 1841 | 1839 | Baptist | 2 | 10 | 12 | 21 | 93 | 1 | 114 | 20 | Yes. | 4 | 0 | 5 |
| 1836 | ... | Non-sect. | 1 | 6 | 7 | ... | ... | 4 | 91 | 6 | Yes. | ... | ... | 6 |
| 1857 | 1857 | Baptist | 2 | 8 | 10 | 71 | 69 | ... | 150 | 2 | Yes. | 4 | 0 | 5 |
| 1860 | 1860 | Non-sect. | 1 | 8 | 9 | ... | ... | ... | 235 | 12 | ... | ... | ... | 8 |
| 1855 | 1856 | Meth. | 2 | 7 | 9 | ... | ... | ... | 156 | ... | Yes. | ... | ... | 9 |
| 1885 | ... | Non-sect. | 3 | 7 | 10 | ... | ... | ... | 81 | ... | ... | ... | ... | 10 |
| 1885 | 1871 | do | 6 | 20 | 26 | 110 | 145 | 2 | 255 | 13 | Yes. | 4 | 0 | 11 |
| 1889 | 1884 | ... | 3 | 6 | 9 | 23 | 18 | ... | 41 | 4 | Yes. | 2, 3, 4 | ... | 12 |
| 1858 | 1858 | Non-sect. | 5 | 10 | 15 | 30 | 100 | ... | 130 | 20 | ... | ... | ... | 13 |
| 1882 | 1852 | Meth. | 3 | 4 | 7 | 40 | 100 | 2 | 140 | 6 | Yes. | 4 | 0 | 14 |
| 1855 | 1856 | do | 3 | 5 | 8 | 41 | 106 | 6 | 162 | 13 | Yes. | 5 | ... | 15 |
| ... | 1872 | M. E. So. | 2 | 7 | 9 | ... | ... | ... | 181 | 5 | ... | ... | ... | 16 |
| 1849 | 1849 | Baptist | 3 | 4 | 7 | 60 | 56 | ... | 116 | 5 | ... | 4 | 0 | 17 |
| 1846 | 1833 | Meth. | 4 | 9 | 13 | 66 | 172 | 9 | 212 | 21 | Yes. | 5 | 0 | 18 |
| 1846 | 1843 | Non-sect. | 3 | 18 | 21 | 63 | 126 | 17 | 189 | 26 | Yes. | 4 | 0 | 19 |
| 1836 | 1839 | M. E. So. | 6 | 10 | 16 | 10 | 279 | ... | 289 | 37 | Yes. | 4 | ... | 20 |
| 1868 | 1869 | Non-sect. | 1 | 4 | 5 | 40 | 80 | 3 | 120 | 8 | Yes. | 5 | ... | 21 |
| 1870 | 1858 | R. C. | 2 | 18 | 20 | 15 | 78 | 3 | 100 | 7 | Yes. | 7 | 0 | 22 |
| 1857 | 1855 | ... | 1 | 6 | 7 | 8 | 48 | ... | 56 | ... | ... | 3 | ... | 23 |
| 1847 | 1847 | M. E. | 5 | 10 | 15 | 100 | 95 | 5 | 200 | 15 | Yes. | 4 | ... | 24 |
| 1845 | 1830 | Non-sect. | 6 | 11 | 17 | 10 | 94 | ... | 130 | 11 | ... | ... | ... | 25 |
| 1882 | 1868 | P. E. | 3 | 10 | 13 | 65 | 40 | ... | 125 | 12 | Yes. | 4 | 0 | 26 |
| 1874 | 1875 | ... | 5 | 6 | 11 | ... | ... | ... | 55 | 9 | ... | 3-4 | ... | 27 |
| 1852 | 1853 | Baptist | 1 | 11 | 12 | ... | ... | ... | 124 | 9 | Yes. | 5 | ... | 28 |
| 1847 | 1849 | Non-sect. | 1 | 18 | 19 | ... | ... | ... | 160 | ... | Yes. | 7 | ... | 29 |
| 1847 | 1847 | M. E. | 6 | 3 | 9 | 76 | 37 | 3 | 146 | 10 | Yes. | 2-4 | ... | 30 |
| 1883 | 1886 | Presb. | ... | 7 | 7 | 27 | 25 | ... | 52 | ... | Yes. | 4 | ... | 31 |
| 1870 | 1861 | P. E. | 6 | 23 | 29 | 127 | 49 | ... | 311 | 4 | Yes. | 3 | 0 | 32 |
| 1870 | 1874 | Baptist | ... | 9 | 9 | 150 | 60 | ... | 212 | 3 | Yes. | 4 | 0 | 33 |
| 1860 | 1860 | Presb. | ... | 12 | 12 | 35 | 125 | 2 | 160 | 4 | ... | 5 | 0 | 34 |
| 1829 | 1846 | Baptist | 4 | 7 | 11 | 22 | 98 | ... | 120 | 2 | Yes. | 5 | ... | 35 |
| 1873 | 1875 | do | 1 | 5 | 6 | 57 | 58 | ... | 115 | 2 | Yes. | 3 | ... | 36 |
| 1888 | 1888 | do | 2 | 6 | 8 | 10 | 44 | ... | 54 | 2 | Yes. | 4 | ... | 37 |
| 1871 | 1856 | Non-sect. | 3 | 7 | 10 | ... | ... | ... | 125 | 11 | ... | 5 | ... | 38 |
| 1854 | 1856 | Baptist | 2 | 6 | 8 | 40 | 20 | ... | 60 | 9 | Yes. | 4 | 2 | 39 |
| ... | 1869 | Christian | 6 | 8 | 14 | 50 | 128 | 2 | 178 | 17 | ... | 4 | ... | 40 |
| ... | 1853 | R. C. | ... | 7 | 7 | ... | ... | ... | ... | 6 | ... | 12 | ... | 41 |
| 1856 | 1854 | Presb. | 3 | 11 | 14 | 118 | 30 | ... | 239 | 19 | Yes. | 2, 4 | 0 | 42 |

TABLE 2.—DIVISION B.—Statistics of institutions for the higher

| | Location. | Name. | President. |
|----|-----------------------------------------|---------------------------------------------|------------------------------------------------|
| | 1 | 2 | 3 |
| | KENTUCKY—continued. | | |
| 43 | Millersburg | Millersburg Female College..... | Rev. Cadesman Pope |
| 44 | Mount Sterling | Mount Sterling Female College..... | J. P. Marshall |
| 45 | Nicholasville | Jessamine Female Institute | Miss M. F. Hewitt..... |
| 46 | Pewee Valley | Kentucky College for Young Ladies* .. | Rev. Erastus Rowley, D. D. .. |
| 47 | Russellville | Logan Female College | H. K. Taylor |
| 48 | Shelbyville | Science Hill School | W. T. Poynter, D. D. |
| 49 | do | Stuart's Female College | W. H. Stuart |
| 50 | Stanford | Stanford Female College | John Milton Hubbard |
| 51 | Woodburn | Cedar Bluff Female College* | Rev. B. F. Cabell..... |
| | LOUISIANA. | | |
| 52 | Clinton | Silliman Female Collegiate Institute.. | Geo. J. Ramsey, A. M. |
| 53 | Minden | Minden Female College | Arthur L. Cox, A. M., M. S. |
| | MAINE. | | |
| 54 | Deering | Westbrook Seminary and Female College. | Albert B. Allen, A. M. |
| 55 | Kent's Hill | Maine Wesleyan Seminary and Female College. | Rev. E. M. Smith, D. D. |
| | MARYLAND. | | |
| 56 | Baltimore | Baltimore Academy of the Visitation.. | Sister Mary Paula Combs .. |
| 57 | Baltimore (Park Place)... | Baltimore Female College | N. C. Brooks, LL. D. |
| 58 | Baltimore (St. Paul's ave. and 3d st.). | The Woman's College of Baltimore... | William H. Hopkins, A. M., Ph. D. |
| 59 | Cambridge | Cambridge Female Seminary | J. F. Baugher, A. M. |
| 60 | Frederick | Frederick Female Seminary | Wm. H. Furnell, A. M., LL. D. |
| 61 | Lutherville | Lutherville Seminary | Rev. J. H. Turner, A. M. |
| | MASSACHUSETTS. | | |
| 62 | Andover | Abbot Academy | Miss Philena McKeen |
| 63 | Auburndale | Lasell Seminary for Young Women .. | Charles C. Bragdon, A. M. |
| 64 | Boston | Gannett Institute | Rev. George Gannett, D. D. |
| 65 | Bradford | Bradford Academy | Hon. George Cogswell, M. D. |
| 66 | Norton | Wheaton Female Seminary | Miss A. Ellen Stanton |
| | MICHIGAN. | | |
| 67 | Kalamazoo | Michigan Female Seminary | Isabella G. French, A. B. |
| | MINNESOTA. | | |
| 68 | Albert Lea | Albert Lea College | Rev. R. B. Abbott, D. D. |
| 69 | Faribault | St. Mary's Hall | Miss Ella F. Lawrence |
| 70 | Minneapolis | Bennet Seminary* | Miss E. E. Kenyon |
| | MISSISSIPPI. | | |
| 71 | Blue Mountain | Blue Mountain Female College | Rev. W. T. Lowrey, A. M. |
| 72 | Brookhaven | Whitworth Female College* | L. T. Fitzhugh, A. M. |
| 73 | Clinton | Central Female Institute | Rev. Walter Hillman, A. M., LL. D. |
| 74 | Columbus | Industrial Institute and College | Charles Hartwell Cocke |
| 75 | Corinth | Corinth Female College | Miss Lena Elgin |
| 76 | Holly Springs | Franklin Female College* | Mrs. Rosa M. Tyler and Mrs. R. H. Tunstall. |
| 77 | Meridian | East Mississippi Female College* | R. M. Saunders |
| 78 | Oxford | Union Female College | H. N. Robertson |
| 79 | Shuqualak | Shuqualak Female College | Rev. Lewis M. Stone |
| 80 | Starkville | Starkville Female Institute | T. G. Sellers, A. M., D. D. |
| 81 | Summit | Lea Female College | Charles H. Otken, LL. D. |

* Statistics of 1887-88.

instruction of women for 1888-89.—PART I—Continued.

| Date of charter. | Year of first opening. | Religious denomination. | Professors and instructors. | | | Students. | | | | | Are you authorized to confer degrees? | Number of years in college course. | Number of State scholarships. | Number of other scholarships. | |
|------------------|------------------------|-------------------------|-----------------------------|---------|--------|-----------------------------------|----------------------------------|-------------------------------|-------------------|---------------------------------|---------------------------------------|------------------------------------|-------------------------------|-------------------------------|----|
| | | | Male. | Female. | Total. | Number in preparatory department. | Number in collegiate department. | Number of resident graduates. | Total enrollment. | Number of graduates in 1888-89. | | | | | |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | |
| 1860 | 1860 | M. E. So .. | 2 | 13 | 15 | 114 | 95 | 25 | 209 | 13 | Yes... | 4 | ..... | 1 | 43 |
| 1857 | ..... | ..... | 1 | 3 | 4 | 10 | 45 | ..... | 55 | ..... | Yes... | 4 | ..... | 0 | 44 |
| 1854 | 1854 | Non-sect.. | 1 | 9 | 10 | 54 | 70 | ..... | 124 | 19 | Yes... | 6 | ..... | 1 | 45 |
| 1876 | 1873 | do | 1 | 5 | 6 | 9 | 32 | ..... | 41 | 2 | Yes... | ..... | ..... | ..... | 46 |
| 1858 | 1866 | Meth. So .. | 2 | 7 | 9 | 25 | 125 | 11 | 150 | 11 | Yes... | 4 | ..... | 1 | 47 |
| 1880 | 1825 | M. E. So .. | 1 | 9 | 10 | 83 | 89 | ..... | 182 | 7 | Yes... | 4 | 6 | 0 | 48 |
| 1849 | 1839 | Non-sect.. | 1 | 4 | 5 | 24 | 60 | ..... | 84 | 12 | Yes... | 4 | ..... | ..... | 49 |
| 1871 | 1871 | do | 1 | 4 | 5 | 50 | 40 | ..... | 90 | 7 | Yes... | 4 | 0 | 2 | 50 |
| 1864 | 1862 | do | 3 | 6 | 9 | 8 | 72 | ..... | 80 | 7 | Yes... | 4 | ..... | ..... | 51 |
| 1852 | 1852 | Presb..... | 2 | 8 | 10 | 56 | 53 | ..... | 109 | 1 | Yes... | 4-6 | ..... | 30 | 52 |
| 1855 | 1853 | Non-sect.. | 1 | 3 | 4 | 0 | 51 | 25 | 51 | 3 | Yes... | 4 | 2 | 0 | 53 |
| 1831 | 1834 | Univ | 3 | 5 | 8 | 30 | 70 | 30 | 180 | 26 | Yes... | 4 | ..... | 4 | 54 |
| ..... | 1821 | M. E..... | 12 | 6 | 18 | ..... | ..... | ..... | 313 | 35 | Yes... | 4 | 5 | 0 | 55 |
| 1838 | 1837 | R. C ..... | ..... | 25 | 25 | 100 | 80 | ..... | 180 | 18 | ..... | 8 | ..... | ..... | 56 |
| 1849 | 1848 | Non-sect.. | 2 | 3 | 5 | 14 | 41 | ..... | 55 | ..... | Yes... | 4 | 26 | 8 | 57 |
| 1885 | 1888 | M. E..... | 9 | 9 | 18 | 71 | 10 | ..... | 140 | 0 | ..... | 4 | ..... | ..... | 58 |
| 1858 | 1850 | Non-sect.. | 1 | 4 | 5 | 35 | 10 | ..... | 45 | 4 | ..... | 4 | 10 | ..... | 59 |
| 1841 | 1843 | do | 1 | 8 | 9 | 25 | 104 | 1 | 130 | 8 | Yes... | 4 | 5 | ..... | 60 |
| 1853 | 1853 | do | 4 | 6 | 10 | 4 | 99 | 2 | 119 | 23 | ..... | 4 | ..... | ..... | 61 |
| 1829 | 1829 | Non-sect.. | 3 | 9 | 12 | 0 | 86 | 0 | 86 | 15 | No.... | 4 | 0 | 10 | 62 |
| 1853 | 1851 | Meth..... | 10 | 22 | 32 | 20 | 60 | 1 | 147 | 12 | No.... | 4 | 0 | 0 | 63 |
| ..... | 1854 | Non-sect.. | 7 | 9 | 16 | ..... | ..... | ..... | 67 | 5 | No.... | 4 | ..... | ..... | 64 |
| 1884 | 1803 | do | 1 | 11 | 12 | 9 | 161 | 0 | 170 | 18 | No.... | 4 | 4 | ..... | 65 |
| 1837 | 1835 | Non-sect.. | 2 | 12 | 14 | ..... | ..... | ..... | 86 | 2 | No.... | 4 | ..... | a7 | 66 |
| 1856 | 1867 | Presb..... | ..... | 7 | 7 | ..... | 50 | 1 | 50 | 0 | No.... | 4 | ..... | ..... | 67 |
| 1884 | 1885 | Presb..... | 1 | 7 | 8 | 41 | 22 | 0 | 63 | 1 | Yes... | 4 | 0 | 0 | 68 |
| 1866 | 1860 | P. E | 1 | 13 | 14 | ..... | ..... | 85 | 123 | 13 | ..... | 4 | ..... | 1 | 69 |
| 1869 | 1865 | Non-sect.. | 2 | 9 | 11 | 25 | 60 | ..... | 85 | 14 | Yes... | 4 | ..... | ..... | 70 |
| 1877 | 1873 | Baptist... | 4 | 13 | 17 | 60 | 160 | ..... | 220 | 9 | Yes... | 4 | ..... | ..... | 71 |
| 1859 | 1819 | M. E. So .. | 5 | 9 | 14 | 25 | 137 | 17 | 179 | 21 | Yes... | ..... | ..... | ..... | 72 |
| 1853 | 1853 | Baptist... | 2 | 7 | 9 | 45 | 68 | ..... | 116 | 5 | Yes... | 4 | ..... | ..... | 73 |
| 1884 | 1885 | Non-sect.. | ..... | 20 | 20 | 187 | 130 | ..... | 337 | 10 | ..... | 4 | 400 | 0 | 74 |
| 1878 | 1876 | Non-sect.. | ..... | 6 | 6 | 65 | 45 | 3 | 110 | ..... | ..... | ..... | ..... | ..... | 75 |
| 1878 | 1878 | ..... | ..... | 4 | 4 | ..... | ..... | ..... | 110 | ..... | ..... | 4 | ..... | ..... | 76 |
| 1872 | 1872 | M. E. So .. | 1 | 7 | 8 | 29 | 100 | ..... | ..... | 5 | Yes... | 5 | ..... | ..... | 77 |
| 1854 | 1854 | Cumb. Pres. | 1 | 6 | 7 | ..... | ..... | ..... | 75 | 2 | ..... | 4 | ..... | ..... | 78 |
| 1882 | 1880 | Baptist... | 1 | 5 | 6 | 42 | 68 | 1 | 110 | 7 | Yes... | 4 | ..... | ..... | 79 |
| 1873 | 1869 | Baptist... | 1 | 7 | 8 | 100 | 95 | ..... | 195 | 4 | Yes... | 4 | ..... | ..... | 80 |
| 1877 | 1877 | Baptist... | 1 | 4 | 5 | 25 | 40 | ..... | 65 | 4 | Yes... | 4 | ..... | ..... | 81 |

a Six partial scholarships and one full scholarship.

TABLE 2.—DIVISION B.—*Statistics of institutions for the higher*

| | Location. | Name. | President. |
|-----|-----------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------|
| | 1 | 2 | 3 |
| | MISSOURI. | | |
| 82 | Columbia..... | Christian Female College*..... | W. A. Oldham..... |
| 83 | ...do..... | Stephens Female College..... | Rev. T. W. Barrett, A. M..... |
| 84 | Fulton..... | Fulton Synodical Female College..... | Rev. Henry C. Evans..... |
| 85 | Independence..... | Kansas City Ladies' College..... | Rev. James M. Chauncy, D. D..... |
| 86 | ...do..... | Woodland College..... | Geo. S. Bryant, A. M..... |
| 87 | Jennings..... | St. Louis Seminary..... | B. T. Blewett, LL. D..... |
| 88 | Lexington..... | Baptist Female College*..... | F. Menetee..... |
| 89 | ...do..... | Central Female College*..... | W. F. Kerdolff..... |
| 90 | ...do..... | Elizabeth Aull Female Seminary*..... | J. D. B. Canton..... |
| 91 | Mexico..... | Hardin College..... | A. K. Yancey..... |
| 92 | St. Charles..... | Lindenwood Female College..... | Rev. Robert Irwin, D. D..... |
| 93 | St. Louis..... | Mary Institute, Washington University. | James Hardy Dillard..... |
| 94 | ...do..... | Ursuline Academy..... | Mother Seraphine..... |
| | NEW HAMPSHIRE | | |
| 95 | Exeter..... | Robinson Female Seminary..... | George W. Cross, A. M..... |
| 96 | Tilton..... | New Hampshire Conference Seminary and Female College.* | Rev. D. C. Knowles, D. D..... |
| 97 | West Lebanon..... | Tilden Seminary..... | E. Hubbard Barlow, A. M., PH. D. |
| | NEW JERSEY. | | |
| 98 | Burlington..... | St. Mary's Hall..... | Miss Julia G. McAllister..... |
| 99 | Freehold..... | Freehold Young Ladies' Seminary..... | Miss Eunice D. Sewall..... |
| | NEW YORK. | | |
| 100 | Albany (Kenwood)..... | Academy of the Sacred Heart..... | Madame E. Hogan..... |
| 101 | Albany..... | St. Agnes' School..... | Miss E. W. Boyd..... |
| 102 | Brooklyn..... | Brooklyn Heights Seminary..... | Miss Maria O. Steele..... |
| 103 | ...do..... | Packer Collegiate Institute..... | Truman J. Backus, LL. D..... |
| 104 | Buffalo..... | Buffalo Seminary..... | Mrs. L. L. Hartt..... |
| 105 | Cavandaigua..... | Granger Place School..... | Miss Caroline A. Comstock..... |
| 106 | New York..... | Academy of Mt. St. Vincent on-the-Hudson. | Eliza Sweeny..... |
| 107 | New York (Manhattan-ville). New York (49 W. 17th St.). | Academy of the Sacred Heart..... ...do..... | Madame Sarah Jones..... Madame Frances Elder, Su- perintendent. |
| 109 | Plattsburgh..... | D'Youville Academy..... | Sister M. de la Victoire..... |
| | NORTH CAROLINA. | | |
| 110 | Asheville..... | Asheville Female College..... | Rev. S. N. Barker..... |
| 111 | Charlotte..... | Charlotte Female Institute..... | Rev. Wm. R. Atkinson..... |
| 112 | Dallas..... | Gaston College..... | Rev. M. L. Little..... |
| 113 | Greensborough..... | Greensborough Female College..... | Rev. T. M. Jones, A. M., D. D..... |
| 114 | Hickory..... | Claremont Female College..... | Will H. Sanborn..... |
| 115 | Louisburg..... | Louisburg Female College..... | S. D. Bagley..... |
| 116 | Murfreesboro..... | Chowan Baptist Female College*..... | J. B. Brown..... |
| 117 | ...do..... | Wesleyan Female College..... | E. E. Parham, A. M..... |
| 118 | Oxford..... | Oxford Female Seminary*..... | E. P. Holgood..... |
| 119 | Raleigh..... | Estey Seminary..... | Rev. H. M. Tupper, D. D..... |
| 120 | ...do..... | Peace Institute..... | John B. Burwell, A. M..... |
| 121 | ...do..... | St. Mary's School..... | Rev. Bennett Smedes..... |
| 122 | Salem..... | Salem Female Academy..... | Rev. John H. Clewell..... |
| 123 | Thomasville..... | Thomasville Female College..... | Rev. J. N. Stallings..... |
| 124 | Wilson..... | Wilson Collegiate Institute..... | Silas E. Warren..... |
| | OHIO. | | |
| 125 | Cincinnati (Lawrence and 3rd sts.). | Bartholomew English and Classical School. | George K. Bartholomew, M. A. |

* Statistics of 1887-88.

instruction of women for 1888-89.—PART I—Continued.

| Date of charter. | Year of first opening. | Religious denomination. | Professors and instructors. | | | Students. | | | | | Are you authorized to confer degrees? | Number of years in college course. | Number of State scholarships. | Number of others scholarships. |
|------------------|------------------------|-------------------------|-----------------------------|---------|--------|-----------------------------------|----------------------------------|-------------------------------|-------------------|---------------------------------|---------------------------------------|------------------------------------|-------------------------------|--------------------------------|
| | | | Male. | Female. | Total. | Number in preparatory department. | Number in collegiate department. | Number of resident graduates. | Total enrollment. | Number of graduates in 1888-89. | | | | |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 1850 | 1850 | Christian .. | 4 | 8 | 12 | | | | 135 | | | | | 82 |
| 1856 | 1856 | Baptist .. | 3 | 7 | 10 | 37 | 118 | | 155 | 11 | Yes .. | 4 | | 83 |
| 1872 | 1872 | Presb .. | 2 | 10 | 12 | 30 | 104 | | 139 | 15 | Yes .. | 4 | | 84 |
| 1884 | 1871 | Presb .. | 2 | 6 | 8 | 23 | 64 | | 92 | 2 | Yes .. | | 0 | 85 |
| | | Christian .. | 1 | 4 | 5 | 25 | 110 | | 135 | 11 | No .. | 4 | 0 | 86 |
| 1871 | 1871 | Non-sect.. | 2 | 5 | 7 | 10 | 20 | | 30 | 3 | | 4 | 0 | 87 |
| 1855 | 1855 | Baptist .. | 4 | 5 | 9 | 20 | 57 | 5 | 82 | 2 | Yes .. | 4 | | 88 |
| | | | 2 | 11 | 13 | | | | 127 | | Yes .. | | | 89 |
| 1859 | 1859 | Presb .. | 1 | 8 | 9 | 25 | 80 | | 106 | | Yes .. | | | 90 |
| 1878 | 1872 | Baptist .. | 5 | 6 | 12 | | 185 | 8 | 185 | 5 | Yes .. | 4 | 0 | 91 |
| 1853 | 1830 | Presb .. | 2 | 9 | 11 | 7 | 89 | | 109 | 10 | | 4 | | 92 |
| 1853 | 1859 | Non-sect.. | 2 | 19 | 21 | 161 | 147 | 17 | 325 | 22 | No .. | 5 | | 93 |
| ..... | 1848 | R. C | | 10 | 10 | 26 | 74 | | 100 | 0 | | 6 | | 94 |
| 1869 | 1869 | Non-sect.. | 2 | 8 | 10 | 90 | 68 | | 188 | 11 | No .. | 4 | | 95 |
| 1852 | 1845 | M. E. | 4 | 4 | 8 | | 213 | | 213 | 16 | Yes .. | 3-4 | | 96 |
| 1853 | 1854 | Non-sect.. | 1 | 7 | 8 | 6 | 34 | 0 | 40 | 5 | | 4 | | 97 |
| 1846 | 1837 | P. E | 2 | 10 | 12 | | | 5 | 67 | 15 | No .. | 6 | | 98 |
| 1884 | 1844 | Non-sect.. | 1 | 8 | 9 | 21 | 35 | 2 | 77 | 4 | No .. | 4 | | 99 |
| 1861 | | R. C | | 25 | 25 | 20 | 100 | | 123 | 7 | No .. | 6 | 0 | 100 |
| 1871 | 1870 | P. E | 8 | 20 | 28 | | | | 254 | | | | | 101 |
| | 1851 | Non-sect.. | 5 | 16 | 21 | | | | 155 | 6 | | | | 102 |
| 1853 | 1854 | Non-sect.. | 3 | 47 | 50 | 376 | 410 | 8 | 786 | 37 | No .. | 3 | 0 | 103 |
| 1851 | 1851 | Non-sect.. | 2 | 11 | 13 | 20 | | | 187 | 11 | No .. | 4-6 | | 104 |
| | 1876 | Non-sect.. | 2 | 8 | 10 | 32 | | | 83 | 2 | No .. | 3-4 | | 105 |
| 1864 | 1847 | R. C | 3 | 16 | 19 | 100 | 77 | | 300 | 6 | Yes .. | 4 | | 106 |
| 1851 | 1843 | R. C | 2 | 22 | 24 | 90 | 40 | 8 | 150 | 8 | | 4 | | 107 |
| ..... |  | R. C | | 14 | 14 | 50 | 100 | 0 | 150 | 6 | | 6 | 0 | 108 |
| ..... | 1860 | R. C | 1 | 11 | 12 | 45 | 80 | 2 | 127 | 2 | | 6 | 104 | 109 |
| 1845 | | M. E. So. . | 2 | 10 | 12 | 25 | 85 | | 110 | 8 | Yes .. | 4 | 0 | 110 |
| 1822 | 1857 | Presb .. | 2 | 6 | 8 | 51 | 91 | 2 | 160 | 17 | No .. | 3 | 0 | 111 |
| 1884 | 1879 | Luth .. | 3 | 2 | 5 | 38 | 49 | | 89 | 6 | Yes .. | 4 | 0 | 112 |
| 1838 | 1846 | Meth .. | 4 | 11 | 15 | | | | 165 | 40 | Yes .. | 4 | | 113 |
| 1880 | 1881 | Non-sect.. | 2 | 7 | 9 | 87 | | | 87 | 4 | Yes .. | 7 | | 114 |
| 1856 | 1858 | M. E. So. . | 1 | 7 | 8 | 37 | 44 | 1 | 82 | 5 | Yes .. | 4 | 0 | 115 |
| 1849 | 1843 | Baptist .. | 2 | 6 | 8 | 12 | 60 | | 72 | 8 | | 4 | 12 | 116 |
| | 1853 | Meth .. | 2 | 4 | 6 | 8 | 40 | | 48 | 2 | Yes .. | 3 | | 117 |
| 1850 | 1880 | Presb .. | 2 | 7 | 9 | 23 | 94 | | 117 | | | | | 118 |
| 1874 | 1865 | Baptist .. | 3 | 2 | 5 | 6 | 11 | | 113 | | Yes .. | 4 | | 119 |
| 1857 | 1872 | Presb .. | 3 | 11 | 14 | 30 | 100 | | 130 | 17 | No .. | 4 | | 120 |
| | 1842 | P. E | 2 | 13 | 15 | 29 | 100 | 7 | 130 | | | 5 | | 121 |
| 1866 | 1802 | Moravian. | 4 | 22 | 26 | 42 | 184 | 43 | 269 | 24 | Yes .. | 4 | | 122 |
| 1867 | 1849 | Non-sect.. | 4 | 5 | 9 | 24 | 49 | | 73 | 4 | Yes .. | 4 | | 123 |
| 1872 | 1872 | Non-sect.. | 1 | 4 | 5 | 50 | 51 | | 108 | 0 | Yes .. | 4 | | 124 |
| ..... | 1875 | P. E | 3 | 12 | 15 | 22 | 74 | | 113 | 8 | No .. | 6 | | 125 |

TABLE 2.—DIVISION B.—Statistics of institutions for the higher

| | Location. | Name. | President. |
|-----|-----------------------------------------------|----------------------------------------------|-------------------------------------------------|
| | 1 | 2 | 3 |
| | OHIO—continued. | | |
| 126 | Cincinnati (Wesley ave.) | Cincinnati Wesleyan College..... | Rev. W. K. Brown, D. D..... |
| 127 | Cincinnati | Mt. Auburn Young Ladies' Institute. | H. Thane Miller..... |
| 128 | Cleveland (Euclid avenue and Adelbert st.) | Cleveland College for Women | Hiram C. Haydn, D. D., LL.D. |
| 129 | Glendale | Glendale Female College..... | Rev. L. D. Potter, D. D..... |
| 130 | Granville | Granville Female College..... | Rev. D. B. Hervey..... |
| 131 | do | Shepardson College..... | Galusha Anderson, D. D., LL.D. |
| 132 | Oxford | Oxford Female College..... | Rev. Faye Walker, D. D..... |
| 133 | do | Western Female Seminary..... | Miss Leila S. McKee..... |
| 134 | Painesville | Lake Erie Female Seminary..... | Miss Mary Evans..... |
| | OREGON. | | |
| 135 | Portland | St. Helen's Hall..... | Rt. Rev. B. Wistar Morris, D. D. |
| | PENNSYLVANIA. | | |
| 136 | Allentown | Allentown Female College..... | Rev. Wm. McC. Reily..... |
| 137 | Bethlehem | Moravian Seminary for Young Ladies. | Rev. J. Blickensderfer..... |
| 138 | Blairsville | Blairsville Ladies' Seminary..... | T. R. Ewing, D. D..... |
| 139 | Chambersburg | Wilson College..... | Rev. J. Edgar, PH. D..... |
| 140 | Germantown (202-204 W. Chelton ave.) | Boarding and Day School for Young Ladies. | Miss Mary E. Stevens..... |
| 141 | Mechanicsburg | Irving Female College..... | Miss Mary L. Kessler..... |
| 142 | Media | Brooke Hall Female Seminary *..... | M. L. Eastman..... |
| 143 | Ogontz | Ogontz School for Young Ladies | Misses Frances E. Bennett and S. J. Eastman. |
| 144 | Philadelphia (1325 N. Broad st.) | Philadelphia Seminary | Rebecca E. Judkins |
| 145 | Pittsburgh | Pittsburgh Female College..... | Rev. A. H. Norcross, D. D..... |
| 146 | Washington | Washington Female Seminary..... | Miss N. Sherrard..... |
| | SOUTH CAROLINA. | | |
| 147 | Columbia | Columbia Female College*..... | Rev. O. H. Darby, D. D..... |
| 148 | Due West | Due West Female College..... | Mrs. L. M. Bonner..... |
| 149 | Gaffney City | Cooper Limestone Institute..... | H. P. Griffith..... |
| 150 | Greenville | Greenville Female College..... | Alexander S. Townes..... |
| 151 | Walhalla | Walhalla Female College..... | Henry G. Reed..... |
| | TENNESSEE. | | |
| 152 | Brownsville | Brownsville Female College..... | Th. Smith..... |
| 153 | do | Wesleyan Female College..... | Rev. John Williams, A. M..... |
| 154 | Columbia | Columbia Athenæum..... | Robt. D. Smith, A. M..... |
| 155 | Jackson | Memphis Conference Female Insti- tute. | Rev. A. W. Jones, A. M., D. D. |
| 156 | Nashville | Nashville College for Young Ladies.. | Rev. Geo. W. F. Price, D. D..... |
| 157 | do | St. Cecilia Academy*..... | Mother Frances..... |
| 158 | do | Ward's Seminary for Young Ladies.. | Mrs. J. B. Hancock..... |
| 159 | Pulaski | Martin Female College *..... | John S. Wilkes..... |
| 160 | Rogersville | Synodical Female College..... | Mrs. F. A. Ross..... |
| 161 | Shelbyville | Shelbyville Female College*..... | J. P. Hamilton, A. M..... |
| 162 | Winchester | Mary Sharp College..... | John L. Johnson..... |
| | TEXAS. | | |
| 163 | Chappell Hill | Chappell Hill Female College..... | Rev. E. W. Tarrant, A. M..... |
| 164 | Belton | Baylor Female College..... | John Hill Luther, D. D..... |
| 165 | Waco | Waco Female College..... | R. O. Rounsavall, A. M..... |
| | VIRGINIA. | | |
| 166 | Abingdon | Stonewall Jackson Female Institute.. | Miss Kate M. Hunt..... |
| 167 | do | Martha Washington College..... | Rev. D. S. Hearon, A. M., D. D. |

* Statistics of 1887-88.

instruction of women for 1888-89.—PART I—Continued.

| Date of charter. | Year of first opening. | Religious denomination. | Professors and instructors. | | | Students. | | | | | Are you authorized to confer degrees? | Number of years in college course. | Number of State scholarships. | Number of other scholarships. |
|------------------|------------------------|-------------------------|-----------------------------|---------|--------|-----------------------------------|----------------------------------|-------------------------------|-------------------|---------------------------------|---------------------------------------|------------------------------------|-------------------------------|-------------------------------|
| | | | Male. | Female. | Total. | Number in preparatory department. | Number in collegiate department. | Number of resident graduates. | Total enrollment. | Number of graduates in 1888-89. | | | | |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 1842 | 1842 | M. E. | 5 | 15 | 20 | ..... | 47 | ..... | 81 | 13 | Yes... | 4 | 0 | 0 |
| 1856 | 1856 | Non-sect.. | 5 | 9 | 14 | ..... | 85 | 9 | 91 | 12-19 | Yes... | 4 | ..... | 127 |
| 1884 | 1888 | Non-sect.. | 8 | 1 | 9 | ..... | 23 | 0 | 23 | 0 | Yes... | 4 | 0 | 0 |
| 1854 | 1854 | Presb. | 2 | 10 | 12 | 16 | 71 | 3 | 113 | 14 | No.... | 4 | 0 | 0 |
| 1836 | 1827 | Presb. | 2 | 7 | 9 | ..... | 54 | ..... | 54 | 13 | ..... | 5 | 0 | 0 |
| 1886 | 1887 | Baptist... | 8 | 5 | 13 | 52 | 18 | ..... | 116 | 0 | Yes... | 4 | 0 | 6 |
| 1849 | 1849 | Presb. | 5 | 16 | 21 | 24 | 140 | 2 | 186 | 15 | ..... | 4 | 0 | 4 |
| 1853 | 1855 | Non-sect.. | 18 | 18 | ..... | 142 | ..... | 142 | 142 | 12 | No.... | 4 | ..... | 2 |
| 1856 | 1859 | Non-sect.. | 6 | 20 | 26 | 31 | 81 | ..... | 140 | 12 | No.... | 4 | 0 | 0 |
| 1869 | 1869 | P. E. | 1 | 10 | 11 | 30 | 123 | 1 | 153 | 2 | Yes... | 9 | ..... | 2 |
| 1867 | 1867 | Reformed.. | ... | 5 | 5 | 16 | 80 | 2 | 96 | 10 | Yes... | 3 | ..... | 136 |
| 1863 | 1785 | Moravian.. | 3 | 12 | 15 | 11 | 90 | 1 | 102 | 3 | Yes... | 4 | ..... | 137 |
| ..... | 1851 | Presb. | 1 | 7 | 8 | ..... | ..... | ..... | 45 | 4 | No.... | 4 | ..... | 138 |
| 1869 | 1870 | Presb. | 4 | 20 | 24 | 40 | 150 | ..... | 190 | 13 | Yes... | 4 | ..... | 139 |
| ..... | 1868 | P. E. | 6 | 9 | 15 | ..... | ..... | ..... | 100 | 5 | ..... | ..... | ..... | 140 |
| 1856 | 1856 | Lutheran.. | 1 | 4 | 5 | 9 | 12 | ..... | 34 | 0 | Yes... | 4 | ..... | 141 |
| ..... | ..... | P. E. | 2 | 12 | 14 | ..... | 50 | ..... | 7 | 7 | No.... | 4 | ..... | 142 |
| ..... | 1830 | Non-sect.. | 6 | 17 | 23 | ..... | 103 | 4 | 103 | 21 | No.... | 4 | ..... | 143 |
| ..... | 1871 | ..... | 4 | 10 | 14 | 71 | 20 | 3 | 91 | 18 | ..... | 4 | ..... | 144 |
| 1854 | 1853 | M. E. | 13 | 9 | 22 | 98 | 104 | 15 | 233 | 16 | No.... | 4 | ..... | 26 |
| 1836 | 1836 | Presb. .... | ..... | 17 | 17 | 30 | 158 | ..... | 224 | 21 | No.... | 4 | ..... | 146 |
| 1854 | 1857 | M. E. So .. | 3 | 10 | 13 | 6 | 126 | ..... | 140 | 18 | No.... | 4 | ..... | 2 |
| 1859 | 1859 | Non-sect.. | 1 | 9 | 10 | 71 | 90 | ..... | 161 | 23 | Yes... | 4 | ..... | 148 |
| ..... | 1881 | Baptist... | 3 | 5 | 8 | 20 | 85 | 3 | 105 | 12 | No.... | 4 | ..... | 149 |
| 1854 | 1855 | Baptist... | 2 | 11 | 13 | 72 | 146 | 8 | 236 | 20 | Yes... | 5 | 0 | 0 |
| ..... | 1877 | Non-sect.. | 1 | 5 | 6 | 30 | 60 | ..... | 90 | 0 | Yes... | 4 | ..... | 151 |
| 1852 | 1851 | Baptist... | 3 | 6 | 9 | ..... | ..... | ..... | 99 | 6 | Yes .. | 4 | ..... | 6 |
| 1870 | 1867 | M. E. So .. | 1 | 5 | 6 | 30 | 33 | ..... | 63 | 6 | Yes... | 4 | ..... | 153 |
| 1858 | 1852 | Non-sect.. | 5 | 12 | 17 | ..... | ..... | ..... | 182 | 8 | Yes... | 4 | ..... | 5 |
| 1843 | 1844 | M. E. So .. | 2 | 8 | 10 | 42 | 102 | ..... | 164 | 23 | Yes... | 5 | 0 | 0 |
| 1882 | 1850 | M. E. So .. | 2 | 14 | 16 | ..... | ..... | ..... | 326 | 13 | ..... | 4 | 0 | 0 |
| 1883 | 1860 | R. C. .... | ..... | 21 | 21 | 25 | 80 | 10 | ..... | 6 | Yes... | 4 | ..... | 157 |
| 1887 | 1885 | Non-sect.. | 1 | 16 | 17 | 27 | 306 | 21 | 333 | 51 | ..... | 4 | ..... | 158 |
| 1872 | ..... | Non-sect.. | 2 | 11 | 13 | ..... | ..... | ..... | 184 | ..... | Yes... | ..... | ..... | 159 |
| 1848 | 1850 | Presb. | 2 | 8 | 10 | 53 | 60 | ..... | 113 | 6 | ..... | 5 | ..... | 160 |
| 1884 | 1853 | Non-sect.. | 1 | 5 | 6 | 30 | 70 | ..... | 100 | 2 | Yes... | 4 | 0 | 1 |
| 1850 | 1850 | Baptist... | 2 | 6 | 8 | 13 | 89 | ..... | 113 | ..... | ..... | 4 | ..... | 162 |
| 1852 | 1852 | M. E. So .. | 2 | 6 | 8 | ..... | ..... | ..... | 113 | ..... | Yes... | ..... | ..... | 163 |
| 1845 | 1845 | Baptist... | 5 | 10 | 15 | 50 | 150 | 2 | 200 | 6 | Yes... | 4 | ..... | 164 |
| 1856 | 1856 | M. E. So .. | 4 | 10 | 14 | 64 | 123 | 2 | 197 | 9 | No.... | 4 | 0 | 0 |
| 1868 | 1868 | Presb. | 1 | 4 | 5 | 16 | 47 | ..... | 63 | 5 | ..... | 2-4 | 0 | 0 |
| 1859 | 1860 | M. E. So .. | 4 | 6 | 10 | 25 | 75 | ..... | 100 | 6 | Yes... | 4 | 0 | 0 |

TABLE 2.—DIVISION B.—*Statistics of institutions for the higher*

| Location. | | Name. | President. |
|---------------------|-----------------------|-----------------------------------------|---------------------------------|
| 1 | | 2 | 3 |
| VIRGINIA—continued. | | | |
| 168 | Charlottesville | Albemarle Female Institute..... | W. P. Dickinson |
| 169 | Christiansburg | Montgomery Female College | Mrs. E. T. Baird |
| 170 | Danville..... | Danville College for Young Ladies | R. H. Sharp, jr., M. A. |
| 171 | do | Roanoke Female College | J. T. Averett, A. M. |
| 172 | Glade Spring | Southwest Virginia Institute..... | M. M. Hargrove, A. M. |
| 173 | Gordonsville..... | Central Female Institute..... | Rev. James Dinwiddie..... |
| 174 | Hollins | Hollins Institute | Charles L. Cocke, A. M. |
| 175 | Marion | Marion Female College..... | Rev. J. J. Scherer, A. M. |
| 176 | Norfolk | Norfolk College for Young Ladies..... | John L. Roper |
| 177 | Petersburgh..... | Southern Female College* | W. T. Davis, A. M. |
| 178 | Richmond | Richmond Female Institute | Miss S. B. Hamner |
| 179 | Staunton | Augusta Female Seminary | Miss Mary I. Baldwin |
| 180 | do | Sherwood Female Seminary | Prof. J. L. Massey |
| 181 | do | Staunton Female Seminary..... | Rev. Jas. Willis, A. M. |
| 182 | do | Virginia Female Institute | Mrs. J. E. B. Stuart |
| 183 | Warrenton | Fauquier Institute | George G. Butler, A. M. |
| 184 | Winchester..... | Valley Female College..... | Rev. John P. Hyde, A. M., D. D. |
| WEST VIRGINIA. | | | |
| 185 | Clarksburg | Broaddus College..... | Rev. J. L. McCutcheon, A. M. |
| 186 | Parkersburg..... | Parkersburg Female Seminary | Rev. S. S. Moore..... |
| 187 | Wheeling | Wheeling Female College..... | Rev. H. R. Blaisdell, PH. D. |
| WISCONSIN. | | | |
| 188 | Fox Lake | Downer College | Miss Mary E. Lyon..... |
| 189 | Milwaukee | Milwaukee College* | Charles S. Farrar, A. M. |
| 190 | Sinsinawa Mound | St. Clara Academy | Sister M. Emily |

* Statistics of 1887-88.

instruction of women for 1888-89.—PART I—Continued.

| Date of charter. | Year of first opening. | Religious denomination. | Professors and instructors. | | | Students. | | | | | Are you authorized to confer degrees? | Number of years in college course. | Number of State scholarships. | Number of other scholarships. | |
|------------------|------------------------|-------------------------|-----------------------------|---------|--------|-----------------------------------|----------------------------------|-------------------------------|-------------------|---------------------------------|---------------------------------------|------------------------------------|-------------------------------|-------------------------------|-----|
| | | | Male. | Female. | Total. | Number in preparatory department. | Number in collegiate department. | Number of resident graduates. | Total enrollment. | Number of graduates in 1888-89. | | | | | |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | |
| 1875 | 1845 | Baptist... | 2 | 4 | 6 | ..... | 63 | ..... | 63 | ..... | Yes... | ..... | ..... | ..... | 168 |
| 1861 | 1852 | Presb..... | 2 | 4 | 6 | ..... | 18 | ..... | 56 | ..... | 7 | ..... | ..... | 1 | 169 |
| 1883 | 1883 | M. E. So... | 3 | 6 | 9 | ..... | 24 | ..... | 77 | ..... | 4 | ..... | ..... | ..... | 170 |
| 1859 | 1859 | Baptist... | 3 | 4 | 7 | ..... | 8 | ..... | 88 | ..... | 5 | ..... | 3 | 0 | 171 |
| 1886 | 1884 | .. do | 1 | 10 | 11 | ..... | 27 | ..... | 110 | ..... | 12 | ..... | 4 | 0 | 172 |
| ..... | 1885 | Non-sect.. | 2 | 7 | 9 | ..... | 26 | ..... | 56 | ..... | 11 | ..... | 2-5 | 0 | 173 |
| 1855 | 1843 | Baptist... | 6 | 10 | 16 | ..... | 12 | ..... | 164 | ..... | 3 | ..... | ..... | 0 | 174 |
| 1874 | 1873 | Lutheran.. | 3 | 5 | 8 | ..... | 34 | ..... | 71 | ..... | 4 | ..... | ..... | ..... | 175 |
| 1880 | 1880 | Non-sect.. | 4 | 10 | 14 | ..... | 130 | ..... | 100 | ..... | 12 | ..... | 5 | 0 | 176 |
| 1863 | 1862 | .. do | 2 | 4 | 6 | ..... | 15 | ..... | 31 | ..... | 3 | ..... | ..... | ..... | 177 |
| 1852 | 1852 | Baptist... | 1 | 11 | 12 | ..... | 24 | ..... | 100 | ..... | 124 | ..... | 4 | ..... | 178 |
| 1884 | 1842 | Presb..... | 5 | 16 | 21 | ..... | 50 | ..... | 175 | ..... | 225 | ..... | ..... | 3 | 179 |
| 1886 | 1886 | Baptist... | 5 | 5 | 10 | ..... | ..... | ..... | ..... | ..... | 30 | ..... | ..... | ..... | 180 |
| 1870 | 1875 | Lutheran.. | 5 | 5 | 10 | ..... | ..... | ..... | 75 | ..... | 80 | ..... | ..... | ..... | 181 |
| 1844 | 1845 | P. E | 4 | 11 | 15 | ..... | 20 | ..... | 79 | ..... | 99 | ..... | 4 | ..... | 182 |
| 1859 | 1859 | Non-sect.. | 1 | 5 | 6 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 7 | ..... | 183 |
| 1874 | 1874 | M. E. So .. | 2 | 5 | 7 | ..... | 15 | ..... | 35 | ..... | 31 | ..... | 3 | ..... | 183 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 52 | ..... | 4 | ..... | 3 | 1 | 184 |
| 1877 | 1871 | Baptist... | 1 | 6 | 7 | ..... | 11 | ..... | 29 | ..... | 25 | ..... | 5 | ..... | 185 |
| 1883 | 1878 | Non-sect.. | ..... | 3 | 3 | ..... | ..... | ..... | ..... | ..... | 35 | ..... | 0 | ..... | 186 |
| 1848 | 1850 | .. do | 1 | 8 | 9 | ..... | 8 | ..... | 56 | ..... | 2 | ..... | 64 | ..... | 187 |
| 1855 | 1855 | Cong ..... | ..... | 7 | 7 | ..... | 31 | ..... | 24 | ..... | 10 | ..... | 55 | ..... | 188 |
| 1853 | 1853 | Non-sect.. | 2 | 12 | 14 | ..... | 100 | ..... | 35 | ..... | ..... | ..... | 183 | ..... | 189 |
| 1852 | 1845 | R. C ..... | ..... | 25 | 25 | ..... | 44 | ..... | 42 | ..... | 10 | ..... | 90 | ..... | 190 |

TABLE 2.—DIVISION B.—Statistics of institutions for the higher instruction of women for 1888-89.—PART II.

| | Name. | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|--------------------|------------------------------------|-----------------------------------------|-------------------------------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|-----------------------------------------------|-----------------------------|---------------|---------------|
| | | Annual charge for tuition to each pupil | Number of volumes in library. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Amount of State aid received within the year. | Receipts from tuition fees. | Total income. | Benefactions. |
| ALABAMA. | | | | | | | | | | | |
| 1 | Athens Female College | \$120 | 400 | \$209 | \$20,000 | | | | \$360 | \$360 | |
| 2 | Union Female College* | 40 | 85 | 50 | 5,000 | | | | | | |
| 3 | Huntsville Female College | 20-60 | 5,368 | 6,750 | 50,000 | | | 0 | 42,000 | 42,000 | |
| 4 | Huntsville Female Seminary | 30-50 | 3,000 | 100 | 15,000 | | | 0 | 7,500 | 7,500 | \$16,000 |
| 5 | Judson Female Institute | 60 | 3,000 | 100 | 70,000 | 0 | | 0 | | | |
| 6 | Marion Female Seminary* | 60 | 20,000 | | 20,000 | 0 | | 0 | | | |
| 7 | Central Female College | 20-60 | 1,000 | 400 | 215,000 | 0 | | 0 | | | 0 |
| 8 | Tuscaloosa Female College* | 20-60 | | | | | | | | | |
| 9 | Alabama Conference Female College* | 15-25 | | | | | | | | | |
| CALIFORNIA. | | | | | | | | | | | |
| 10 | The Ellis College* | 25 | 3,600 | | 325,000 | \$50,000 | \$3,500 | 0 | 7,500 | 11,000 | |
| 11 | Mills College | 60 | 1,000 | 200 | 15,000 | | | | 5,000 | 5,000 | |
| 12 | Santa Rosa Ladies' College | | | | | | | | | | |
| GEORGIA. | | | | | | | | | | | |
| 13 | Lacy Cobb Institute | 60 | 800 | 200 | 20,000 | | | \$695 | 1,500 | 2,200 | |
| 14 | Georgia Methodist Female College | 35 | 800 | 500 | 12,000 | | | | | | |
| 15 | Andrew Female College | 50 | 2,500 | 500 | 12,000 | | | | | | |
| 16 | Dalton Female College* | 12-20 | | | | | | | | | |
| 17 | Monroe Female College | 30-50 | | | 15,000 | 0 | | | | | |
| 18 | La Grange Female College | 50 | 780 | 400 | 35,000 | | | | 7,250 | 15,925 | |
| 19 | Southern Female College | 30-50 | 1,600 | 1,600 | 40,000 | | | | | | |
| 20 | Wesleyan Female College | 50 | 3,000 | 2,500 | 250,000 | 40,000 | 2,000 | | | 2,000 | |
| 21 | Young Female College | 30 | | | 20,000 | | | | | | |
| ILLINOIS. | | | | | | | | | | | |
| 22 | Seminary of the Sacred Heart | | 1,600 | 1,200 | | | | | | | |
| 23 | Ahmbra College | 45 | 1,500 | 500 | 4,100 | | | | 2,242 | 2,454 | |
| 24 | Illinois Female College* | | 2,000 | 500 | 100,000 | | | | | | |
| 25 | Jacksonville Female Academy | 25-50 | 1,500 | 500 | 60,000 | | | | | | |
| 26 | St. Mary's School | 80 | 1,500 | 2,500 | 100,000 | 0 | 0 | 0 | 15,000 | 15,000 | 5,000 |
| 27 | Chicago Female College | | 400 | 100 | 30,000 | | | | 12,000 | 12,000 | |

TABLE 2.—DIVISION B.—Statistics of institutions for the higher instruction of women for 1888-89.—PART II—Continued.

| | Name. | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|----|---------------------------------------|------------------------------------------|-------------------------------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|-----------------------------------------------|-----------------------------|---------------|---------------|
| | | Annual charge to each pupil for tuition. | Number of volumes in library. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Amount of State aid received within the year. | Receipts from tuition fees. | Total income. | Benefactions. |
| | MASSACHUSETTS. | | | | | | | | | | |
| 62 | Abbot Academy..... | \$54 | 3,000 | \$2,500 | \$50,000 | \$27,925 | \$1,206 | 0 | \$7,170 | \$32,842 | \$13,562 |
| 63 | Lassell Seminary for Young Women..... | 100 | 1,400 | 2,000 | 120,000 | 0 | 0 | 0 | 12,000 | 12,000 | ..... |
| 64 | Gannett Institute..... | 150-200 | 5,000 | 500 | 60,000 | ..... | ..... | ..... | ..... | ..... | ..... |
| 65 | Bradford Academy..... | 65 | 4,500 | ..... | 15,000 | 43,000 | 2,400 | 0 | 9,346 | 12,000 | 0 |
| 66 | Wheaton Female Seminary..... | 33-45 | 6,000 | ..... | ..... | ..... | 129 | ..... | 5,950 | 6,588 | 6,657 |
| | MICHIGAN. | | | | | | | | | | |
| 67 | Michigan Female Seminary..... | 50 | 1,530 | 1,500 | 50,000 | 23,000 | 1,300 | ..... | 3,000 | 4,300 | 500 |
| | MINNESOTA. | | | | | | | | | | |
| 68 | Albert Lea College..... | 30 | 1,500 | 300 | 40,000 | 0 | 0 | 0 | 1,450 | 7,200 | 6,500 |
| 69 | St. Mary's Hall..... | 40-50 | 3,000 | ..... | 100,000 | ..... | ..... | ..... | 25,000 | 35,000 | ..... |
| 70 | Bennet Seminary*..... | 30-90 | 350 | 300 | 75,000 | ..... | ..... | ..... | 5,000 | 5,000 | ..... |
| | MISSISSIPPI. | | | | | | | | | | |
| 71 | Blue Mountain Female College..... | 40 | 1,200 | 100 | 20,000 | ..... | ..... | ..... | 13,000 | 13,000 | ..... |
| 72 | Whitworth Female College*..... | 40-50 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 73 | Central Female Institute..... | 30-50 | 2,000 | 1,000 | 20,000 | ..... | ..... | \$410 | 4,000 | 4,410 | ..... |
| 74 | Industrial Institute and College..... | (a) | 400 | 750 | 140,000 | 0 | 0 | 22,589 | ..... | 22,589 | ..... |
| 75 | Corinth Female College..... | a250-500 | ..... | ..... | 4,000 | ..... | ..... | ..... | ..... | ..... | ..... |
| 76 | Franklin Female College*..... | ..... | 150 | ..... | 10,000 | ..... | ..... | ..... | ..... | ..... | ..... |
| 77 | East Mississippi Female College*..... | ..... | 300 | 150 | 20,000 | ..... | ..... | ..... | ..... | ..... | ..... |
| 78 | Union Female College..... | 30-50 | 500 | 150 | 40,000 | ..... | ..... | ..... | ..... | ..... | ..... |
| 79 | Shuqualak Female College..... | 30-50 | 500 | 150 | 40,000 | ..... | ..... | ..... | ..... | ..... | ..... |
| 80 | Shuqualak Female College..... | 30 | 300 | 75 | 8,000 | ..... | ..... | 555 | 3,190 | 3,705 | ..... |
| 81 | Starkville Female Institute..... | ..... | 1,500 | 200 | 10,000 | ..... | ..... | ..... | ..... | ..... | ..... |
| 81 | Lea Female College..... | 30-50 | 300 | ..... | 10,000 | ..... | ..... | ..... | 2,500 | 2,500 | ..... |
| | MISSOURI. | | | | | | | | | | |
| 82 | Christian Female College*..... | 6000 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 83 | Strepheus Female College..... | 40 | 1,000 | 200 | 35,000 | 20,000 | 600 | ..... | 9,000 | 12,000 | 1,000 |
| 84 | Fulton Synodical Female College..... | 50 | 500 | 200 | 30,000 | ..... | ..... | ..... | 3,750 | 3,750 | ..... |
| 85 | Kansas City Ladies' College..... | 50 | ..... | 1,000 | 30,000 | ..... | ..... | ..... | 4,000 | 4,000 | ..... |

TABLE 2.—DIVISION B.—Statistics of institutions for the higher instruction of women for 1888-89.—PART II—Continued.

| Name. | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|---------------------------------------------------|---------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------------------|-----------------------------------------------|-----------------------------|---------------|----------------|
| | Annual charge to tuition. | Number of vol-umes in library. | Value of scien-tific apparatus. | Value of grounds and buildings. | Amount of pro-ductive funds. | Income from pro-ductive funds. | Amount of State aid received within the year. | Receipts from tuition fees. | Total income. | Disbursements. |
| 2 | | | | | | | | | | |
| OHIO. | | | | | | | | | | |
| 125 Bartholomew English and Classical School..... | \$90-150 | 1,100 | \$400 | \$40,000 | \$7,000 | \$350 | 0 | | \$350 | 0 |
| 126 Cincinnati Wesleyan College..... | 100 | 2,160 | | 250,000 | 50,000 | 0 | 0 | \$500 | 10,500 | \$60,000 |
| 127 Mt. Auburn Young Ladies' Institute..... | 150 | 100 | 600 | 150,000 | 50,000 | 0 | 0 | | | 0 |
| 128 Cleveland College for Women..... | 30-50 | 3,200 | | 60,000 | 0 | | | | | |
| 129 Glendale Female College..... | 36 | 1,000 | | 20,000 | 70,000 | 4,420 | | 3,700 | 8,120 | |
| 130 Granville Female College..... | 33 | | | 30,000 | | | | | | |
| 131 Shepardson College..... | 50 | | | 50,000 | 29,000 | 2,030 | 0 | 17,581 | 19,614 | 16,200 |
| 132 Oxford Female College..... | a170 | 4,791 | 3,000 | 134,633 | 29,000 | 2,690 | 0 | 25,958 | 28,644 | 19,500 |
| 133 Western Female Seminary..... | a200 | 2,800 | | 150,000 | | | | | | |
| 134 Lake Erie Female Seminary..... | | | | | | | | | | |
| OREGON. | | | | | | | | | | |
| 135 St. Helen's Hall..... | | 1,000 | | | | | | | | |
| PENNSYLVANIA. | | | | | | | | | | |
| 136 Allentown Female College..... | 50 | 500 | | 40,000 | | | | | 2,000 | |
| 137 Moravian Seminary for Young Ladies..... | 60 | 6,000 | | 150,000 | | | | | | |
| 138 Blaisville Ladies' Seminary..... | 40 | 800 | 300 | 25,000 | | | | | | |
| 139 Wilson College..... | 60 | 3,000 | 3,000 | 100,000 | 3,000 | 100 | 0 | 10,000 | 10,100 | 1,100 |
| 140 Boarding and Day School for Young Ladies..... | 150 | 1,500 | 300 | | | | | | | |
| 141 Irving Female College..... | 225 | 200 | | 20,000 | 0 | 0 | 0 | 1,200 | 1,200 | |
| 142 Brooke Hall Female Seminary*..... | a 400 | | | | | | | | | |
| 143 Oronitz School for Young Ladies..... | 200 | 10,000 | 2,000 | 30,000 | | | | | | |
| 144 Philadelphia Seminary..... | 150 | 1,700 | | | | | | | | |
| 145 Pittsburgh Female College..... | 60-80 | 600 | 1,000 | 150,000 | 10,000 | 1,030 | 0 | | 12,000 | 1,000 |
| 146 Washington Female Seminary..... | 24-40 | 600 | 400 | 25,000 | 0 | | | | | |
| SOUTH CAROLINA. | | | | | | | | | | |
| 147 Columbia Female College*..... | 50 | 600 | 800 | 50,000 | | | | 5,000 | 5,000 | 0 |
| 148 Due West Female College..... | 45 | 500 | | 15,000 | 1,000 | 80 | \$180 | 4,500 | 5,000 | 0 |
| 149 Cooper Limestone Institute..... | 50 | | 500 | 25,000 | | | | 3,000 | 3,000 | 0 |
| 150 Greenville Female College..... | 25-50 | 1,000 | | 20,000 | 0 | 0 | 0 | | | |
| 151 Walhalla Female College..... | 30 | | | | | | 200 | 2,500 | 2,700 | |

| TENNESSEE. | | | | | | | | | |
|----------------|------------------------------------------|------------|--------|-------|---------|--------|-------|--------|-------|
| 152 | Brownsville Female College..... | 29-30, 54 | 1,000 | 1,000 | 20,000 | 0 | 0 | 3,300 | 0 |
| 153 | Wesleyan Female College..... | 30-50 | 10,200 | 5,000 | 6,000 | 0 | 0 | 0 | 0 |
| 154 | Columbia Athenaeum..... | 30-50 | 4,000 | 1,500 | 45,000 | 0 | 0 | 0 | 0 |
| 155 | Memphis Conference Female Institute..... | 40-70 | 1,000 | 0 | 87,000 | 0 | 0 | 0 | 0 |
| 156 | Nashville College for Young Ladies..... | 40-60 | 6,000 | 500 | 150,000 | 0 | 0 | 15,600 | 0 |
| 157 | St. Cecilia Academy*..... | 40-60 | 500 | 500 | 60,000 | 0 | 0 | 10,586 | 0 |
| 158 | Ward's Seminary for Young Ladies..... | 15-30 | 50 | 500 | 30,000 | 0 | 0 | 20,742 | 0 |
| 159 | Martin Female College*..... | 20-50 | 300 | 500 | 20,000 | 0 | 0 | 3,500 | 0 |
| 160 | Synodical Female College..... | 20-80 | 300 | 500 | 8,000 | 0 | 0 | 0 | 0 |
| 161 | Shelbyville Female College*..... | 30-40 | 300 | 500 | 8,000 | 0 | 0 | 0 | 0 |
| 162 | Mary Sharp College..... | 60 | 300 | 75 | 8,000 | 0 | 0 | 0 | 0 |
| TEXAS. | | | | | | | | | |
| 163 | Chappell Hill Female College..... | 30-50 | 300 | 100 | 100,000 | 0 | 0 | 5,000 | 0 |
| 164 | Bay for Female College..... | 30, 40, 50 | 1,200 | 500 | 30,000 | 0 | 0 | 25,000 | 2,000 |
| 165 | Waco Female College..... | 30, 40, 50 | 1,200 | 500 | 30,000 | 0 | 0 | 12,000 | 0 |
| VIRGINIA. | | | | | | | | | |
| 166 | Stonewall Jackson Female Institute..... | 20-50 | 300 | 800 | 20,000 | 0 | 0 | 0 | 0 |
| 167 | Martha Washington College..... | 15-50 | 1,000 | 500 | 76,000 | 0 | 0 | 5,000 | 0 |
| 168 | Albemarle Female Institute..... | 50 | 250 | 1,000 | 24,000 | 0 | 0 | 2,000 | 0 |
| 169 | Montgomery Female College..... | 35-50 | 1,500 | 300 | 40,000 | 0 | 0 | 4,000 | 0 |
| 170 | Danville College for Young Ladies..... | 10-45 | 1,500 | 300 | 34,000 | 0 | 0 | 4,331 | 0 |
| 171 | Roanoke Female College..... | 50 | 250 | 500 | 20,000 | 2,500 | 150 | 5,000 | 5,000 |
| 172 | Southwest Virginia Institute..... | 30-50 | 800 | 1,500 | 10,000 | 0 | 0 | 4,000 | 0 |
| 173 | Central Female Institute..... | 30-50 | 250 | 500 | 100,000 | 0 | 0 | 15,000 | 0 |
| 174 | Hollins Institute..... | 60 | 300 | 1,500 | 20,000 | 0 | 0 | 12,500 | 0 |
| 175 | Marion Female College..... | 20-40 | 230 | 130 | 60,000 | 0 | 0 | 2,500 | 0 |
| 176 | Norfolk College for Young Ladies..... | 60 | 300 | 500 | 12,000 | 0 | 0 | 6,000 | 0 |
| 177 | Southern Female College*..... | 30-50 | 1,500 | 500 | 75,000 | 0 | 0 | 0 | 0 |
| 178 | Richmond Female Institute..... | 45-150 | 200 | 200 | 75,000 | 0 | 0 | 0 | 0 |
| 179 | Augusta Female Seminary..... | 50 | 2,000 | 200 | 75,000 | 0 | 0 | 0 | 0 |
| 180 | Sherwood Female Seminary..... | 50 | 600 | 200 | 20,000 | 0 | 0 | 0 | 0 |
| 181 | Staunton Female Seminary..... | 27-50 | 500 | 1,000 | 40,000 | 0 | 0 | 0 | 0 |
| 182 | Virginia Female Institute..... | 30, 40, 50 | 600 | 50 | 10,000 | 0 | 0 | 0 | 0 |
| 183 | Panquier Institute..... | 35-45 | 500 | 50 | 15,000 | 0 | 0 | 4,000 | 0 |
| 184 | Valley Female College..... | 35-45 | 500 | 50 | 15,000 | 0 | 0 | 0 | 0 |
| WEST VIRGINIA. | | | | | | | | | |
| 185 | Bronddus College..... | 50 | 350 | 500 | 10,000 | 0 | 0 | 1,200 | 0 |
| 186 | Parkersburg Female Seminary..... | 45-35 | 200 | 500 | 16,000 | 0 | 0 | 0 | 0 |
| 187 | Wheeling Female College..... | 46 | 200 | 500 | 16,000 | 0 | 0 | 0 | 0 |
| WISCONSIN. | | | | | | | | | |
| 188 | Downer College..... | 28-36 | 1,750 | 200 | 25,000 | 45,000 | 2,500 | 1,200 | 1,000 |
| 189 | Milwaukee College*..... | 50-60 | 2,000 | 2,000 | 100,000 | 0 | 0 | 7,500 | 0 |
| 190 | St. Clara Academy..... | 6175 | 2,000 | 1,200 | 100,000 | 0 | 0 | 0 | 0 |

* Statistics of 1887-88.

a Includes board.

II.—COLLEGES AND UNIVERSITIES.

The number of colleges and universities in the United States is constantly increasing, and this year the number reporting to this Office is larger than ever before. The general plan of presenting the statistics of these institutions does not differ from the plan followed in the preceding report.

Table 3 presents the statistics, somewhat condensed, of a group of institutions

TABLE 3.—*Statistics of foundations comprising groups*

| Name and location. | | College of arts and science. | | Schools of science, pure and applied. | | | | Professional schools. | | | Total number of instructors without duplication. | Total number of students without duplication. | Number of endowed professorships. | Number of fellowships. |
|--------------------|-----------------------------------------------|------------------------------|---------------------|---------------------------------------|------------------------|---------------------|--------------------------------------------|-----------------------|------------------------|---------------------|--------------------------------------------------|-----------------------------------------------|-----------------------------------|------------------------|
| | | Number of instructors. | Number of students. | Number of schools | Number of instructors. | Number of students. | Number of students in graduate department. | Number of schools. | Number of instructors. | Number of students. | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 1 | Yale University, New Haven, Conn. | 44 | 688 | 1 | 31 | 308 | 79 | 3 | 53 | 274 | 130 | 1,365 | .... | 6 |
| 2 | Columbian University, Washington, D. C. | a16 | b121 | 1 | 17 | 96 | .... | 3 | 42 | 338 | 52 | 555 | 0 | .... |
| 3 | De Pauw University, Greencastle, Ind. | c30 | d594 | .... | .... | .... | 5 | 2 | 10 | 94 | 53 | 906 | .... | .... |
| 4 | Johns Hopkins University, Baltimore, Md. | 55 | 178 | .... | .... | .... | 216 | .... | .... | .... | 55 | 394 | 2 | 20 |
| 5 | Boston University, Boston, Mass... | 18 | 254 | 1 | 12 | 125 | 114 | 3 | 72 | 381 | 119 | 875 | 1 | 2 |
| 6 | Harvard University, Cambridge, Mass. | 95 | 1,180 | 2 | 26 | 41 | 85 | 5 | 129 | 583 | 198 | 1,899 | 31 | 17 |
| 7 | Dartmouth College, Hanover, N. H. | 19 | 229 | 3 | 23 | 110 | .... | 1 | 14 | 68 | 45 | 407 | 11 | .... |
| 8 | College of New Jersey, Princeton, N. J. | 42 | 574 | 1 | .... | .... | 93 | .... | .... | .... | 42 | 667 | .... | 12 |
| 9 | Cornell University, Ithaca, N. Y.... | 90 | 1,066 | .... | .... | .... | 69 | 2 | 17 | 94 | 95 | 1,229 | 2 | 8 |
| 10 | Columbia College, New York, N. Y. | 46 | 263 | 1 | 39 | 238 | 28 | 2 | 84 | 1,194 | 168 | 1,768 | 2 | 24 |
| 11 | University of Pennsylvania, Philadelphia, Pa. | 48 | 370 | 1 | .... | .... | 31 | 5 | 130 | 787 | 169 | 1,222 | 5 | 1 |
| 12 | Vanderbilt University, Nashville, Tenn. | 23 | 152 | 1 | 18 | 51 | 15 | 5 | 51 | 443 | 70 | 615 | .... | 8 |

* Statistics of 1887-88.

a Includes 7 instructors in the preparatory department.

b Includes 81 students in the preparatory department.

which, together with certain of the State universities, Table 4, approach more nearly to the idea of true universities than any other institutions in the country. Nearly all of them provide fellowships, two-thirds of the entire number of fellowships belonging to such foundations being owned by them. They are also liberally provided with scholarships and productive funds, at least 43 per cent. of the total amount of productive funds reported by colleges and universities being possessed by these institutions.

of related faculties, colleges, or schools, for 1888-89.

| Number of State scholarships. | Number of other scholarships. | Number of volumes in libraries. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Receipts from tuition fees. | Total income. | Benefactions. | Other schools. |
|-------------------------------|-------------------------------|---------------------------------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|-----------------------------|---------------|---------------|---------------------------------------------------------------------------------------------------|
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| ..... | ..... | 200,000 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | "School of the Fine Arts" reporting 7 in the faculty and 47 students. |
| ..... | 14 | 7,000 | ..... | \$500,000 | \$250,000 | \$11,456 | \$29,584 | \$41,040 | ..... | ..... |
| ..... | ..... | 15,000 | \$15,000 | 250,000 | 1,000,000 | ..... | ..... | ..... | \$7,500 | ..... |
| 0 | 67 | 35,000 | 167,104 | 682,000 | 3,000,000 | 74,902 | 38,800 | 113,702 | 100,000 | ..... |
| ..... | 127 | 20,500 | ..... | 353,000 | 798,988 | 95,916 | 31,607 | 127,523 | 90,337 | "College of Music" reporting 22 students. |
| ..... | 153 | 343,318 | 750,000 | 3,000,000 | 6,705,046 | 332,102 | 282,433 | 722,410 | 268,937 | ..... |
| ..... | 143 | 70,200 | *100,000 | *200,000 | *850,000 | *43,000 | *17,000 | *63,000 | ..... | ..... |
| ..... | 77 | 133,800 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 512 | 36 | 102,760 | 422,207 | 930,736 | 4,528,351 | 276,336 | 38,475 | 329,811 | ..... | ..... |
| ..... | 111 | 100,000 | 549,463 | 1,530,000 | 6,668,966 | 566,494 | 148,463 | 725,885 | ..... | "School of Political Science" reporting 69 students, and "School of Library Economy" 32 students. |
| ..... | 92 | 80,000 | 261,500 | 2,121,000 | 1,469,930 | 78,463 | 146,317 | 224,780 | 120,789 | "School of Biology" reporting 37 students. |
| ..... | 31 | 13,500 | 85,000 | 700,000 | 980,000 | 63,000 | 38,500 | 101,500 | ..... | ..... |

c Includes 16 instructors in the preparatory department.

d Includes 326 students in the preparatory department.

TABLE 4.—*Statistics of State*

| | Name. | Colleges of arts and science. | | | | Number of students in graduate department. | Professional schools. | | | Total number of instructors. | Total number of students. | Number of endowed professorships. |
|----|--------------------------------------------------|-------------------------------|---------------------|---------------------------|---------------------|--------------------------------------------|-----------------------|------------------------|---------------------|------------------------------|---------------------------|-----------------------------------|
| | | Preparatory department. | | Undergraduate department. | | | Number of schools. | Number of instructors. | Number of students. | | | |
| | | Number of instructors. | Number of students. | Number of instructors. | Number of students. | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | University of Alabama, University, Ala. | 0 | 0 | 15 | 186 | 3 | 1 | 3 | 19 | 18 | 208 | ----- |
| 2 | University of California, Berkeley, Cal. | 0 | 0 | 47 | 363 | 14 | 4 | 62 | 255 | 107 | 616 | 1 |
| 3 | University of Colorado, Boulder, Colo. | .... | 66 | 9 | 27 | 0 | 1 | 12 | 16 | 20 | 124 | 0 |
| 4 | University of Georgia, Athens, Ga. | 0 | 0 | 14 | 147 | ----- | 2 | 13 | 136 | 333 | 419 | 1 |
| 5 | University of Illinois, Urbana, Ill. | 5 | 121 | 29 | 293 | 4 | ----- | ----- | ----- | 30 | 418 | 0 |
| 6 | Indiana University, Bloomington, Ind. | 4 | 131 | 22 | 291 | 9 | 0 | 0 | 0 | 26 | 431 | 0 |
| 7 | University of Iowa, Iowa City, Iowa. | 0 | 0 | 23 | 281 | 6 | 5 | 52 | 364 | 56 | 621 | 0 |
| 8 | University of Kansas, Lawrence, Kans. | .... | 207 | ----- | 131 | 3 | 2 | .... | 94 | 33 | 504 | 0 |
| 9 | Louisiana State University, Baton Rouge, La. | 2 | 80 | 11 | 64 | ----- | 0 | 0 | 0 | 13 | 144 | 0 |
| 10 | University of Michigan, Ann Arbor, Mich. | 0 | 0 | 52 | 761 | 65 | 5 | 46 | 1,059 | 82 | 1,885 | 0 |
| 11 | University of Minnesota, Minneapolis, Minn. | .... | 46 | 28 | 518 | 34 | 4 | 70 | 183 | 107 | 781 | 0 |
| 12 | University of Mississippi, University, Miss. | 2 | 27 | 11 | 145 | ----- | 1 | 1 | 17 | 14 | 189 | 0 |
| 13 | University of Missouri, Columbia, Mo. | ----- | ----- | ----- | ----- | ----- | 2 | 5 | 80 | 34 | 643 | 0 |
| 14 | University of Nebraska, Lincoln, Nebr. | .... | 135 | ----- | 191 | 9 | 0 | 0 | 0 | 29 | 427 | 0 |
| 15 | University of Nevada, Reno, Nev. | ----- | ----- | ----- | 43 | ----- | 0 | 0 | 0 | 7 | 143 | 0 |
| 16 | University of North Carolina, Chapel Hill, N. C. | 0 | 0 | 13 | 164 | 2 | 1 | 2 | 22 | 14 | 188 | 0 |
| 17 | Ohio State University, Columbus, Ohio. | .... | 165 | ----- | 197 | 11 | 2 | .... | 28 | 29 | 401 | ----- |
| 18 | University of Oregon, Eugene City, Oregon. | ----- | ----- | 9 | 160 | 0 | 2 | 23 | 54 | 32 | 214 | 0 |
| 19 | University of South Carolina, Columbia, S. C. | ----- | ----- | 27 | 175 | 14 | 2 | 11 | 44 | 28 | 235 | 0 |
| 20 | University of Tennessee, Knoxville, Tenn. | 0 | 0 | 20 | 257 | 2 | 2 | 18 | 209 | 38 | 468 | ----- |
| 21 | University of Texas, Austin, Tex. | 0 | 0 | 13 | 187 | 4 | 1 | 2 | 91 | 15 | 278 | 0 |
| 22 | University of Vermont, Burlington, Vt. | 0 | 0 | 15 | 132 | 1 | 1 | 23 | 187 | 38 | 468 | 3 |
| 23 | University of Virginia, Charlottesville, Va. | 0 | 0 | 26 | 246 | 19 | 2 | 6 | ----- | 30 | 440 | 5 |
| 24 | West Virginia University, Morgantown, W. Va. | 6 | 79 | 11 | 102 | ----- | 1 | 2 | 19 | 18 | 195 | ----- |
| 25 | University of Wisconsin, Madison, Wis. | 0 | 0 | 55 | 549 | 5 | 2 | 11 | 168 | 63 | 722 | 0 |

a Includes school of technology.

universities for 1888-89.

| Number of fellowships. | Number of state scholarships. | Number of other scholarships. | Number of volumes in libraries. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Receipts from State appropriation. | Receipts from tuition fees. | Total income. | Benefactions. |
|------------------------|-------------------------------|-------------------------------|---------------------------------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|------------------------------------|-----------------------------|---------------|---------------|
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 6 | ..... | ..... | 7,000 | \$20,000 | \$250,000 | \$300,000 | \$24,000 | ..... | \$1,000 | \$25,000 | ..... |
| 0 | 0 | 0 | 39,112 | 150,000 | 1,050,000 | 1,919,500 | 115,170 | \$97,000 | ..... | 212,170 | 0 |
| ..... | ..... | ..... | 10,500 | 16,000 | 80,000 | 50,000 | 7,850 | 32,187 | 343 | 40,580 | \$200 |
| ..... | ..... | ..... | 16,000 | 75,000 | 168,000 | 445,000 | 30,000 | ..... | ..... | 30,000 | ..... |
| 0 | 5 | 0 | 18,000 | 133,118 | 450,000 | 436,769 | 21,557 | 34,192 | 11,144 | 66,893 | 0 |
| 0 | 80 | ..... | 10,000 | 4,000 | 200,000 | 340,000 | 16,337 | 23,000 | 4,875 | 45,648 | 0 |
| 0 | 0 | 0 | 22,652 | 50,000 | 300,000 | 226,899 | 14,994 | 54,000 | 22,386 | 91,380 | 0 |
| 0 | 0 | 0 | 10,222 | 125,000 | 300,000 | 170,000 | 8,000 | 75,000 | 0 | 83,000 | ..... |
| 0 | 0 | 10 | 18,832 | 10,000 | 300,000 | 318,313 | 14,556 | 10,000 | 0 | 39,556 | 0 |
| 1 | 0 | 0 | 69,843 | 450,000 | 740,000 | 544,152 | 38,000 | 156,272 | 80,000 | 274,272 | 10,000 |
| 2 | 0 | 0 | 22,000 | 80,000 | 1,600,000 | 850,000 | 37,000 | 35,000 | 8,100 | 95,100 | 150,000 |
| 1 | ..... | 4 | 14,500 | 50,000 | 300,000 | 544,061 | 32,644 | ..... | 850 | 35,104 | ..... |
| 0 | ..... | 6 | 18,450 | 50,000 | 300,000 | 534,000 | 28,000 | 32,650 | 11,000 | 78,383 | ..... |
| 0 | 0 | 0 | 11,400 | 65,000 | 425,000 | 652,000 | 30,000 | 87,500 | 0 | 117,500 | 0 |
| 0 | 0 | 0 | 1,100 | 2,000 | 35,000 | 125,000 | 5,000 | 24,000 | 0 | 29,000 | 0 |
| 0 | ..... | 6 | 27,000 | 60,000 | 250,000 | 18,000 | 400 | 20,000 | 7,000 | 27,400 | ..... |
| ..... | ..... | ..... | 9,400 | 50,000 | 800,000 | 537,841 | ..... | ..... | 6,658 | 74,145 | ..... |
| ..... | ..... | ..... | 3,070 | 15,000 | 64,000 | 130,000 | 9,400 | 14,000 | 2,660 | 26,000 | 0 |
| 2 | ..... | 6 | 22,000 | 115,000 | 315,000 | 191,000 | 5,754 | 37,500 | 7,000 | 50,254 | 2,000 |
| ..... | 275 | ..... | 8,000 | ..... | ..... | 420,000 | 24,500 | 1,000 | 12,000 | 37,500 | 0 |
| 0 | 0 | 0 | 5,553 | 50,000 | 150,000 | 549,300 | 41,589 | 25,000 | 3,690 | 70,279 | ..... |
| 0 | ..... | 32 | 36,472 | 150,000 | 275,000 | 250,000 | 21,278 | 6 | 5,981 | 34,002 | 26,000 |
| 0 | ..... | 17 | 52,000 | 270,800 | 778,600 | 291,000 | 17,666 | 35,000 | 24,902 | 95,212 | 3,096 |
| ..... | ..... | ..... | 5,600 | 10,000 | 100,000 | 107,000 | 7,000 | 29,000 | 800 | 36,800 | ..... |
| 9 | ..... | 10 | 20,000 | 125,000 | 900,000 | ..... | 28,000 | 88,000 | 14,895 | 130,895 | ..... |

b Medical department.

TABLE 5.—Summary of statistics of colleges of liberal arts for 1888-89.

| State or Territory. | Professors and instructors. | | | | Students. | | | | | | | | | | | | Total number. | | | |
|------------------------------|-----------------------------|-----------------------------------|-----|----|----------------------------------|-------|-----|-------------------------------|-------|-----|------------------------------|-----|----|-----|-----|-----|---------------|-------|-------|-------|
| | Number of institutions. | Number in preparatory department. | | | Number in collegiate department. | | | Number of resident graduates. | | | Number in other departments. | | | | | | | | | |
| | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| NORTH ATLANTIC DIVISION. | | | | | | | | | | | | | | | | | | | | |
| 1 Maine..... | 3 | 0 | 35 | 0 | 35 | 0 | 0 | 0 | 390 | 51 | 441 | 2 | 0 | 2 | 0 | 0 | 0 | 392 | 51 | 443 |
| 2 New Hampshire..... | 1 | 0 | 20 | 0 | 20 | 0 | 0 | 0 | 229 | 0 | 229 | 0 | 0 | 0 | 0 | 0 | 0 | 229 | 0 | 229 |
| 3 Vermont..... | 2 | 0 | 24 | 0 | 24 | 0 | 0 | 0 | 138 | 28 | 166 | 1 | 0 | 1 | 0 | 0 | 0 | 139 | 28 | 167 |
| 4 Massachusetts..... | 7 | 5 | 199 | 19 | 218 | 56 | 0 | 56 | 2,417 | 163 | 2,580 | 186 | 33 | 219 | 11 | 11 | 22 | 2,670 | 207 | 2,877 |
| 5 Rhode Island..... | 1 | 0 | 22 | 0 | 22 | 0 | 0 | 0 | 268 | 0 | 268 | 0 | 0 | 0 | 0 | 0 | 0 | 268 | 0 | 268 |
| 6 Connecticut..... | 3 | 0 | 83 | 7 | 90 | 0 | 0 | 0 | 1,022 | 15 | 1,037 | 84 | 1 | 85 | 8 | 39 | 47 | 1,114 | 55 | 1,169 |
| 7 New York..... | 19 | 70 | 237 | 20 | 386 | 2,200 | 86 | 2,386 | 3,071 | 162 | 3,233 | 101 | 11 | 115 | 165 | 181 | 346 | 5,640 | 440 | 6,080 |
| 8 New Jersey..... | 4 | 1 | 67 | 0 | 67 | 41 | 0 | 41 | 804 | 0 | 804 | 93 | 0 | 93 | 0 | 0 | 0 | 961 | 0 | 961 |
| 9 Pennsylvania..... | 26 | 95 | 244 | 20 | 426 | 1,395 | 542 | 2,175 | 2,360 | 239 | 2,849 | 166 | 3 | 109 | 126 | 38 | 353 | 4,179 | 770 | 5,793 |
| SOUTH ATLANTIC DIVISION. | | | | | | | | | | | | | | | | | | | | |
| 10 Maryland..... | 8 | 22 | 89 | 5 | 159 | 389 | 64 | 453 | 654 | 62 | 716 | 236 | 0 | 236 | 52 | 0 | 52 | 1,331 | 126 | 1,457 |
| 11 District of Columbia..... | 5 | 22 | 38 | 7 | 74 | 336 | 5 | 341 | 222 | 3 | 225 | 2 | 0 | 2 | 110 | 58 | 168 | 670 | 66 | 736 |
| 12 Virginia..... | 7 | 4 | 62 | 2 | 91 | 54 | 0 | 54 | 764 | 0 | 764 | 3 | 0 | 3 | 16 | 0 | 16 | 1,277 | 0 | 1,277 |
| 13 West Virginia..... | 3 | 6 | 19 | 2 | 31 | 121 | 11 | 132 | 202 | 33 | 235 | 2 | 0 | 2 | 2 | 0 | 2 | 325 | 44 | 369 |
| 14 North Carolina..... | 10 | 1 | 29 | 0 | 29 | 251 | 150 | 401 | 838 | 71 | 929 | 2 | 0 | 2 | 16 | 15 | 31 | 1,269 | 362 | 1,571 |
| 15 South Carolina..... | 8 | 13 | 54 | 0 | 77 | 253 | 30 | 283 | 515 | 10 | 525 | 14 | 1 | 14 | 10 | 10 | 10 | 581 | 180 | 1,061 |
| 16 Georgia..... | 6 | 10 | 36 | 3 | 70 | 246 | 51 | 297 | 466 | 29 | 435 | 1 | 0 | 1 | 127 | 194 | 321 | 843 | 332 | 1,175 |
| 17 Florida..... | 4 | 7 | 3 | 0 | 28 | 120 | 147 | 267 | 23 | 23 | 48 | 1 | 6 | 7 | 18 | 17 | 35 | 163 | 195 | 357 |
| SOUTH CENTRAL DIVISION. | | | | | | | | | | | | | | | | | | | | |
| 18 Kentucky..... | 14 | 19 | 78 | 2 | 127 | 533 | 164 | 697 | 879 | 159 | 1,038 | 12 | 3 | 15 | 0 | 9 | 9 | 1,655 | 416 | 2,071 |
| 19 Tennessee..... | 18 | 32 | 91 | 9 | 219 | 925 | 255 | 1,468 | 1,250 | 97 | 1,445 | 21 | 6 | 27 | 190 | 265 | 497 | 3,062 | 1,308 | 4,370 |

| | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------|-----|-------|-------|-------|--------|-------|--------|--------|-------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 20 | Alabama..... | 5 | 1 | 25 | 64 | 60 | 0 | 483 | 4 | 497 | 3 | 0 | 3 | ..... | ..... | ..... | ..... | 823 | 226 | 1,049 |
| 21 | Mississippi..... | 4 | 4 | 23 | 35 | 319 | 219 | 538 | 44 | 350 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 263 | 625 | 1,902 |
| 22 | Louisiana..... | 12 | 36 | 55 | 165 | 722 | 569 | 1,291 | 266 | 128 | 484 | 4 | 0 | 4 | 313 | 357 | 670 | 1,858 | 1,054 | 3,012 |
| 23 | Texas..... | 10 | 13 | 38 | 7 | 110 | 536 | 308 | 804 | 396 | 1,290 | 5 | 3 | 8 | 30 | 63 | 93 | 1,500 | 916 | 2,416 |
| 24 | Arkansas..... | 4 | 2 | 3 | 22 | 95 | 101 | 106 | 18 | 34 | ..... | ..... | ..... | ..... | 114 | 90 | 204 | 232 | 499 | ..... |
| NORTH CENTRAL DIVISION. | | | | | | | | | | | | | | | | | | | | |
| 25 | Ohio..... | 35 | 80 | 152 | 506 | 2,494 | 793 | 3,377 | 1,999 | 966 | 3,061 | 145 | 14 | 159 | 633 | 1,087 | 1,720 | 5,590 | 3,920 | 8,796 |
| 26 | Indiana..... | 14 | 40 | 118 | 224 | 463 | 239 | 1,038 | 633 | 238 | 1,159 | 17 | 9 | 31 | 25 | 57 | 295 | 2,227 | 620 | 3,659 |
| 27 | Illinois..... | 26 | 50 | 139 | 49 | 339 | 620 | 2,192 | 1,212 | 434 | 1,710 | 20 | 6 | 27 | 367 | 417 | 1,129 | 3,659 | 1,660 | 5,757 |
| 28 | Michigan..... | 10 | 29 | 119 | 21 | 179 | 461 | 887 | 1,102 | 467 | 1,607 | 53 | 13 | 66 | 260 | 259 | 519 | 1,971 | 1,094 | 3,246 |
| 29 | Wisconsin..... | 9 | 1 | 65 | 136 | 609 | 225 | 831 | 742 | 213 | 955 | 4 | 3 | 7 | 58 | 7 | 65 | 1,507 | 494 | 2,001 |
| 30 | Minnesota..... | 8 | 13 | 39 | 7 | 109 | 375 | 572 | 543 | 99 | 685 | 22 | 15 | 38 | 197 | 163 | 390 | 1,193 | 356 | 1,740 |
| 31 | Iowa..... | 21 | 61 | 103 | 26 | 288 | 1,305 | 996 | 2,516 | 964 | 691 | 4 | 3 | 7 | 212 | 335 | 892 | 2,347 | 1,718 | 5,237 |
| 32 | Missouri..... | 20 | 26 | 85 | 13 | 234 | 1,018 | 240 | 1,388 | 704 | 140 | 14 | 1 | 15 | 338 | 43 | 386 | 2,549 | 665 | 3,569 |
| 33 | Dakota..... | 6 | 5 | 6 | 63 | 300 | 226 | 526 | 66 | 31 | 97 | 5 | 0 | 5 | 77 | 137 | 214 | 560 | 516 | 1,126 |
| 34 | Nebraska..... | 7 | 1 | 6 | 82 | 363 | 128 | 491 | 241 | 137 | 378 | 7 | 1 | 17 | 40 | 95 | 135 | 674 | 451 | 1,125 |
| 35 | Kansas..... | 15 | 25 | 42 | 208 | 1,037 | 427 | 1,652 | 432 | 144 | 633 | 7 | 7 | 14 | 814 | 675 | 1,499 | 2,449 | 1,457 | 4,418 |
| WESTERN DIVISION. | | | | | | | | | | | | | | | | | | | | |
| 36 | Montana..... | 1 | 2 | 8 | 14 | 54 | 26 | 80 | 15 | 17 | 32 | ..... | ..... | ..... | ..... | ..... | ..... | 78 | 72 | 150 |
| 37 | Wyoming..... | 1 | ..... | ..... | 12 | 12 | 32 | 44 | 5 | 4 | 9 | ..... | ..... | ..... | ..... | ..... | ..... | 35 | 45 | 80 |
| 38 | Colorado..... | 4 | 5 | 17 | 20 | 53 | 204 | 362 | 102 | 38 | 140 | ..... | ..... | ..... | 162 | 80 | 242 | 408 | 279 | 747 |
| 39 | New Mexico..... | 2 | 5 | 3 | 0 | ..... | 101 | 93 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 195 | ..... |
| 40 | Utah..... | 1 | ..... | ..... | 16 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 41 | Nevada..... | 1 | ..... | ..... | 7 | 0 | 0 | 0 | 25 | 18 | 43 | 0 | 0 | 0 | 41 | 59 | 100 | 66 | 77 | 312 |
| 42 | Washington..... | 2 | 2 | 6 | 19 | 62 | 59 | 121 | 85 | 80 | 165 | ..... | ..... | ..... | 46 | 83 | 129 | 193 | 222 | 143 |
| 43 | Oregon..... | 4 | 6 | 4 | 35 | 91 | 76 | 167 | 144 | 76 | 220 | ..... | ..... | ..... | 1 | 39 | 40 | 334 | 243 | 567 |
| 44 | California..... | 13 | 27 | 117 | 6 | 201 | 1,267 | 296 | 1,563 | 932 | 242 | 21 | 3 | 24 | 203 | 297 | 500 | 2,448 | 847 | 3,295 |
| North Atlantic Division..... | | | | | | | | | | | | | | | | | | | | |
| 66 | ..... | 171 | 931 | 66 | 1,306 | 3,792 | 628 | 4,658 | 10,719 | 658 | 11,027 | 576 | 48 | 624 | 310 | 269 | 768 | 15,760 | 1,551 | 13,155 |
| 67 | ..... | 51 | 85 | 320 | 19 | 621 | 458 | 2,228 | 3,694 | 233 | 3,927 | 260 | 7 | 267 | 349 | 284 | 633 | 6,698 | 1,305 | 8,003 |
| 68 | ..... | 107 | 313 | 24 | 742 | 3,190 | 1,616 | 5,094 | 4,016 | 841 | 5,048 | 45 | 12 | 57 | 647 | 784 | 1,487 | 9,790 | 4,415 | 14,309 |
| 69 | ..... | 171 | 340 | 874 | 203 | 3,388 | 9,965 | 15,460 | 8,668 | 3,490 | 12,911 | 299 | 72 | 356 | 3,021 | 3,280 | 7,244 | 24,776 | 12,081 | 40,005 |
| 70 | ..... | 47 | 155 | 36 | 365 | 1,690 | 630 | 2,435 | 1,308 | 475 | 1,783 | 21 | 3 | 24 | 453 | 558 | 1,011 | 3,815 | 1,914 | 5,424 |
| United States..... | | | | | | | | | | | | | | | | | | | | |
| 384 | ..... | 750 | 2,593 | 348 | 5,432 | 20,407 | 7,608 | 29,875 | 28,405 | 5,700 | 35,296 | 1,201 | 142 | 1,368 | 4,780 | 5,175 | 11,143 | 60,839 | 21,266 | 86,996 |

TABLE 5.—Summary of statistics of colleges of liberal arts for 1888-89—Continued.

| State or Territory. | 1 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|------------------------------|---|------------------------------------|------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------------------|------------------------------------|--------------------------------|----------------------------------|--------------------------------------------------------------------|--------------------------------|---------------|---------------|
| | | Number of endow- ed professors. | Number of fellowships. | Number of State scholar- ships. | Number of other schol- arships. | Number of volumes in libraries. | Value of scientific appa- ratus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Amount of State or mu- nicipal aid received within the year. | Receipts from tuition fees. | Total income. | Benefactions. |
| NORTH ATLANTIC DIVISION. | | | | | | | | | | | | | | |
| 1 Maine..... | | 8 | ..... | ..... | 160 | 79,126 | \$70,000 | \$650,000 | \$1,215,767 | \$58,167 | ..... | \$30,103 | \$88,846 | \$86,000 |
| 2 New Hampshire..... | | 11 | ..... | ..... | 138 | 68,000 | 100,000 | 200,000 | 830,000 | 43,000 | 0 | 17,000 | 63,000 | 23,000 |
| 3 Vermont..... | | 6 | 0 | 30 | 102 | 52,672 | 154,000 | 370,000 | 438,000 | 35,575 | 0 | 7,038 | 47,860 | 26,363 |
| 4 Massachusetts..... | | 42 | 20 | 6 | 417 | 395,806 | 915,000 | 5,038,000 | 9,897,586 | 534,349 | ..... | 391,038 | 1,035,262 | 516,274 |
| 5 Rhode Island..... | | 2 | 0 | ..... | 100 | 70,000 | ..... | 625,000 | 980,836 | 50,777 | ..... | 23,274 | 74,379 | 100,698 |
| 6 Connecticut..... | | 15 | 3 | ..... | 97 | 208,030 | 61,480 | 1,400,000 | 1,216,556 | 59,768 | 0 | 17,000 | 90,207 | 24,000 |
| 7 New York..... | | 32 | 19 | ..... | 548 | 353,824 | 898,719 | 5,535,209 | 9,278,030 | 726,569 | \$148,483 | 384,359 | 1,336,805 | 699,987 |
| 8 New Jersey..... | | 44 | 12 | ..... | 87 | 163,800 | 50,500 | 495,000 | ..... | 32,400 | ..... | 8,539 | 62,939 | 133,950 |
| 9 Pennsylvania..... | | | 5 | ..... | 234 | 318,480 | 446,800 | 5,249,000 | 4,386,994 | 232,987 | ..... | 320,288 | 601,310 | 413,693 |
| SOUTH ATLANTIC DIVISION. | | | | | | | | | | | | | | |
| 10 Maryland..... | | 2 | 20 | 52 | 101 | 70,630 | 186,104 | 1,133,920 | 3,006,000 | 75,292 | 10,600 | 101,300 | 187,702 | 109,960 |
| 11 District of Columbia..... | | 1 | ..... | ..... | 14 | 77,311 | 5,500 | 1,000,000 | 430,000 | 24,356 | 54,084 | ..... | 89,240 | 20,500 |
| 12 Virginia..... | | 15 | 2 | ..... | 74 | 128,000 | 308,800 | 1,450,454 | 7,815 | 87,815 | 35,000 | 56,265 | 204,901 | 85,496 |
| 13 West Virginia..... | | | | | | 7,200 | 10,000 | 247,000 | 167,150 | 7,009 | 29,000 | 4,100 | 40,109 | 20,000 |
| 14 North Carolina..... | | 1 | ..... | ..... | 42 | 63,913 | 81,300 | 807,000 | 390,000 | 27,850 | ..... | 26,100 | 88,250 | 27,000 |
| 15 South Carolina..... | | | 2 | ..... | 13 | 43,700 | 125,500 | 536,500 | 637,400 | 25,754 | 37,791 | 15,788 | 84,435 | 10,600 |
| 16 Georgia..... | | 4 | ..... | ..... | 8 | 46,500 | 89,505 | 803,500 | 749,870 | 49,271 | ..... | 16,433 | 93,551 | 47,403 |
| 17 Florida..... | | 1 | ..... | ..... | ..... | 5,600 | 1,650 | 109,056 | 20,000 | 1,600 | 800 | 3,433 | 20,760 | 18,313 |
| SOUTH CENTRAL DIVISION. | | | | | | | | | | | | | | |
| 18 Kentucky..... | | 11 | ..... | 11 | 146 | 51,364 | 16,750 | 811,250 | 1,090,407 | 51,333 | 1,100 | 29,475 | 84,326 | 153,778 |
| 19 Tennessee..... | | 3 | 8 | 275 | 61 | 91,184 | 183,950 | 1,819,650 | 1,708,310 | 105,653 | 1,413 | 114,824 | 239,740 | 133,789 |
| 20 Alabama..... | | | | | 27 | 23,400 | 22,835 | 236,000 | 326,000 | 24,000 | ..... | 41,905 | 67,905 | 33,200 |
| 21 Mississippi..... | | | 1 | ..... | 4 | 16,150 | 50,700 | 421,000 | 549,061 | 33,284 | 340 | 10,322 | 49,244 | 2,750 |
| 22 Louisiana..... | | | | | 123 | 115,032 | 98,150 | 972,197 | 1,558,030 | 82,306 | 17,500 | 27,300 | 144,316 | 15,600 |
| 23 Texas..... | | 4 | ..... | ..... | 35 | 22,258 | 55,500 | 563,000 | 1,594,800 | 43,189 | 25,725 | 39,456 | 112,862 | 134,872 |
| 24 Arkansas..... | | 1 | ..... | ..... | ..... | 2,600 | 90 | 123,000 | 6,000 | 43,600 | ..... | 3,292 | 8,192 | 9,100 |

| NORTH CENTRAL DIVISION. | | | | | | | | | |
|------------------------------|------------------------------|-------|-------|---------|---------|-----------|-----------|------------|------------|
| 25 | Ohio..... | 36 | 2 | 88 | 887 | 265,871 | 251,831 | 3,865,741 | 4,148,550 |
| 26 | Indiana..... | 8 | 94 | 118 | 103,000 | 1,955,000 | 56,280 | 31,000 | 151,085 |
| 27 | Illinois..... | 28 | 445 | 158,311 | 78,550 | 2,582,200 | 86,149 | 23,000 | 34,110 |
| 28 | Michigan..... | 15 | 1 | 110,259 | 511,200 | 1,534,975 | 80,954 | 156,272 | 139,545 |
| 29 | Wisconsin..... | 9 | 9 | 84,123 | 162,000 | 1,468,000 | 92,347 | 88,000 | 111,432 |
| 30 | Minnesota..... | 3 | 2 | 50,600 | 102,445 | 2,133,550 | 69,633 | 35,000 | 59,302 |
| 31 | Iowa..... | 22 | ..... | 73,164 | 173,600 | 1,547,896 | 70,618 | 54,000 | 22,414 |
| 32 | Missouri..... | 15 | 1 | 127,800 | 172,600 | 2,833,600 | 1,792,464 | 32,650 | 112,302 |
| 33 | Dakota..... | 7 | ..... | 22,345 | 22,345 | 2,430,000 | 320 | 41,350 | 80,446 |
| 34 | Nebraska..... | 7 | ..... | 27,800 | 56,330 | 1,150,000 | 48,200 | 87,500 | 4,708 |
| 35 | Kansas..... | 2 | ..... | 53,383 | 140,650 | 1,700,050 | 27,352 | 75,000 | 5,224 |
| WESTERN DIVISION. | | | | | | | | | |
| 36 | Montana..... | 0 | 0 | 0 | 1,500 | 100,000 | 700 | ..... | 5,000 |
| 37 | Wyoming..... | ..... | ..... | ..... | 3,000 | 150,000 | ..... | 24,449 | 0 |
| 38 | Colorado..... | ..... | 4 | ..... | 20,000 | 1,014,023 | 28,985 | 32,187 | 26,714 |
| 39 | New Mexico..... | ..... | ..... | ..... | 25 | 36,000 | 120 | 0 | 1,233 |
| 40 | Utah..... | ..... | ..... | ..... | 4,000 | 150,000 | ..... | 126,451 | 5,600 |
| 41 | Nevada..... | 0 | 0 | 0 | 2,000 | 35,000 | 5,000 | 24,000 | 0 |
| 42 | Washington..... | 0 | 0 | 0 | 3,800 | 90,000 | 1,500 | 2,700 | 10,866 |
| 43 | Oregon..... | 3 | ..... | ..... | 21,100 | 140,000 | 21,800 | 14,000 | 14,025 |
| 44 | California..... | 3 | ..... | ..... | 223,550 | 1,917,000 | 124,590 | 97,000 | 83,029 |
| North Atlantic Division..... | | | | | | | | | |
| South Atlantic Division..... | | | | | | | | | |
| South Central Division..... | | | | | | | | | |
| North Central Division..... | | | | | | | | | |
| Western Division..... | | | | | | | | | |
| 160 | North Atlantic Division..... | 160 | 50 | 36 | 1,883 | 1,711,708 | 2,695,499 | 19,582,209 | 28,363,769 |
| 24 | South Atlantic Division..... | 24 | 24 | 52 | 252 | 447,854 | 808,359 | 6,238,076 | 6,820,874 |
| 19 | South Central Division..... | 19 | 9 | 286 | 401 | 321,988 | 492,990 | 5,467,087 | 5,832,698 |
| 145 | North Central Division..... | 145 | 15 | 207 | 2,014 | 1,101,026 | 1,690,715 | 21,900,421 | 16,868,391 |
| 6 | Western Division..... | 6 | 4 | ..... | 38 | 134,049 | 284,150 | 3,632,023 | 2,711,500 |
| United States..... | | | | | | | | | |
| 354 | United States..... | 354 | 111 | 581 | 4,588 | 3,716,625 | 5,921,713 | 56,119,826 | 60,597,142 |
| | | | | | | | | 3,444,100 | 2,597,299 |
| | | | | | | | | 1,326,395 | 8,283,444 |
| | | | | | | | | 8,420,608 | 2,037,965 |
| | | | | | | | | 3,423,309 | 808,951 |
| | | | | | | | | 266,574 | 706,585 |
| | | | | | | | | 762,220 | 1,632,199 |
| | | | | | | | | 146,467 | 704,049 |
| | | | | | | | | 8,283,444 | 4,728,901 |

TABLE 6.—*Distribution of college students in the several degree courses, from 1883-84 to 1888-89, inclusive.*

| Divisions. | Year 1883-84. | | | | | Year 1884-85. | | | | | Year 1885-86. | | | | | Year 1886-87. | | | | |
|------------|------------------------------------------------------------------|---------------------------------------------------------------------------|----|------------------------------------------------------------------------------|----|--------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------|----|---------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------|--------------------------------------------------------------|----|----|----|----|
| | Number of colleges re- porting classification of students. | Ratio of classical students to whole number of collegiate students. | | Ratio of scientific stu- dents to whole number of collegiate students. | | Ratio of unclassified stu- dents to whole number of collegiate students. | | Number of colleges re- porting classification of collegiate students. | | Ratio of classical students to whole number of collegiate students. | Ratio of scientific stu- dents to whole number of collegiate students. | Ratio of unclassified stu- dents to whole number of collegiate students. | Number of colleges re- porting classification of students. | Total number of under- graduates. | Percentage of undergrad- uates in regular courses. | Percentage of students in regular courses reported in— | | | | |
| | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | | 10 | 11 | 12 | 13 | 14 |
| 1 | NORTH ATLANTIC DIVISION. | | | | | | | | | | | | | | | | | | | |
| 2 | 4 | 79 | 19 | 2 | 4 | 79 | 19 | 2 | 4 | 78 | 18 | 4 | 3 | 393 | 100 | 100 | 0 | 0 | 0 | |
| 3 | 2 | 69 | 31 | 0 | | | | | 2 | 66 | 33 | 1 | 1 | 249 | 100 | 100 | 0 | 0 | 0 | |
| 4 | 2 | 50 | 39 | 11 | 2 | 39 | 54 | 7 | 2 | 33 | 47 | 20 | 2 | 213 | 94 | 60 | 24 | 0 | 16 | |
| 5 | 9 | 66 | 20 | 14 | 8 | 60 | 25 | 15 | 8 | 61 | 26 | 13 | 6 | 2,114 | 91 | 97 | 3 | 0 | 0 | |
| 6 | 3 | 69 | 19 | 12 | 3 | 70 | 22 | 8 | 3 | 67 | 25 | 8 | 3 | 866 | 99 | 100 | 0 | 0 | 0 | |
| 7 | 15 | 67 | 31 | 2 | 15 | 51 | 41 | 8 | 14 | 48 | 35 | 17 | 20 | 2,741 | 79 | 64 | 29 | 5 | 2 | |
| 8 | 2 | 67 | 21 | 12 | 2 | 19 | 81 | 0 | 3 | 56 | 42 | 2 | 4 | 626 | 88 | 86 | 14 | 0 | 0 | |
| 9 | 19 | 58 | 42 | 0 | 19 | 53 | 32 | 15 | 19 | 55 | 37 | 8 | 25 | 3,098 | 83 | 61 | 34 | 0 | 5 | |
| 10 | SOUTH ATLANTIC DIVISION. | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | 957 | 66 | 95 | 5 | 0 | 0 | |
| 12 | | | | | | | | | | | | | | 367 | 35 | 100 | 0 | 0 | 0 | |
| 13 | | | | | | | | | | | | | | 688 | 38 | 84 | 16 | 0 | 0 | |
| 14 | 1 | 51 | 31 | 18 | | | | | | | | | | 3 | 135 | 49 | 9 | 0 | 91 | |
| 15 | | | | | | | | | | | | | | 9 | 120 | 44 | 55 | 18 | 27 | |
| 16 | | | | | | | | | | | | | | 1,230 | 44 | 61 | 89 | 10 | 1 | |
| 17 | 2 | 83 | 13 | 4 | 3 | 85 | 12 | 3 | 1 | 100 | 0 | 0 | 7 | 600 | 57 | 91 | 9 | 0 | 0 | |
| 18 | | | | | | | | | | | | | 2 | 36 | 81 | 69 | 31 | 0 | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | |
| 20 | 17 | 68 | 19 | 13 | 16 | 53 | 24 | 23 | 12 | 55 | 39 | 6 | 34 | 3,486 | 64 | 56 | 17 | 0 | 27 | |
| 21 | 9 | 62 | 25 | 13 | 8 | 55 | 28 | 17 | 10 | 67 | 21 | 12 | 14 | 1,750 | 79 | 53 | 22 | 13 | 12 | |
| 22 | 15 | 44 | 45 | 11 | 15 | 33 | 37 | 30 | 11 | 41 | 28 | 31 | 24 | 2,749 | 62 | 42 | 34 | 24 | 0 | |
| 23 | 3 | 26 | 62 | 12 | 3 | 30 | 47 | 23 | 3 | 30 | 37 | 33 | 9 | 1,907 | 47 | 40 | 22 | 0 | 38 | |
| 24 | 5 | 37 | 43 | 20 | 4 | 52 | 43 | 5 | 5 | 40 | 35 | 25 | 9 | 1,104 | 63 | 59 | 23 | 0 | 18 | |

| | | | | | | | | | | | | | | | | | | | | |
|--------------------------|-------------------------|-----|----|----|----|----|----|----|----|----|-----|----|----|----|-----|----|----|----|---|----|
| 22 | Minnesota | 12 | 52 | 40 | 8 | 2 | 56 | 15 | 29 | 1 | 36 | 36 | 28 | 6 | 592 | 54 | 35 | 39 | 0 | 26 |
| 23 | Iowa | 24 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 24 | Missouri | 25 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 25 | Illinois | 26 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 26 | Indiana | 27 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 27 | Nebraska | 28 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 28 | Kansas | 29 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| SOUTH CENTRAL DIVISION. | | | | | | | | | | | | | | | | | | | | |
| 29 | Kentucky | 30 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 30 | Tennessee | 31 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 31 | Alabama | 32 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 32 | Mississippi | 33 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 33 | Louisiana | 34 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 34 | Texas | 35 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 35 | Arkansas | 36 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| WESTERN DIVISION. | | | | | | | | | | | | | | | | | | | | |
| 36 | Montana | 37 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 38 | Wyoming | 39 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 40 | Colorado | 41 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 42 | New Mexico | 43 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 44 | Nevada | 45 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 46 | Washington | 47 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 48 | Oregon | 49 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 50 | California | 51 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| North Atlantic Division. | | | | | | | | | | | | | | | | | | | | |
| 52 | North Atlantic Division | 53 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 54 | South Atlantic Division | 55 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 56 | North Atlantic Division | 57 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 58 | South Atlantic Division | 59 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 60 | North Atlantic Division | 61 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 62 | South Atlantic Division | 63 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 64 | North Atlantic Division | 65 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 66 | South Atlantic Division | 67 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 68 | North Atlantic Division | 69 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 70 | South Atlantic Division | 71 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 72 | North Atlantic Division | 73 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 74 | South Atlantic Division | 75 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 76 | North Atlantic Division | 77 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 78 | South Atlantic Division | 79 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 80 | North Atlantic Division | 81 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 82 | South Atlantic Division | 83 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 84 | North Atlantic Division | 85 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 86 | South Atlantic Division | 87 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 88 | North Atlantic Division | 89 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 90 | South Atlantic Division | 91 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 92 | North Atlantic Division | 93 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 94 | South Atlantic Division | 95 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 96 | North Atlantic Division | 97 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 98 | South Atlantic Division | 99 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |
| 100 | North Atlantic Division | 101 | 23 | 11 | 56 | 21 | 50 | 21 | 23 | 17 | 276 | 56 | 43 | 45 | 0 | 12 | 57 | 0 | 0 | |

TABLE 6.—*Distribution of college students in the several degree courses, from 1883-84 to 1888-89, inclusive—Continued.*

| Year 1887-88. | | | | | | | | | | | | | | | | Year 1888-89. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Divisions. | Percentage of students in regular courses reported in— | | | | | | Number of colleges reporting classification of students. | Total number of undergraduates. | Percentage of un-dergraduates in regular courses. | Percentage of students in regular courses reported in— | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Classical course. | Scientific course. | Other first degree courses. | Number of colleges reporting classification of students. | Total number of undergraduates. | Percentage of un-dergraduates in regular courses. | | | | A. B. course. | B. S. course. | B. L. course. | Ph. B. course. | C. E. course. | Other first degree courses. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTH ATLANTIC DIVISION. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Maine..... | 3 | 432 | 57 | 100 | | 3 | 441 | 99 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|------------------------------|------------------------------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|
| 25 | Missouri..... | 15 | 1,534 | 30 | 64 | 26 | 10 | 15 | 851 | 63 | 71 | 25 | 2 | 1 | 1 |
| 26 | Dakota..... | 3 | 100 | 90 | 43 | 37 | 20 | 2 | 38 | 89 | 32 | 62 | | | |
| 27 | Nebraska..... | 5 | 349 | 77 | 32 | 32 | 36 | 4 | 253 | 83 | 34 | 30 | 3 | 4 | ..... |
| 28 | Kansas..... | 11 | 798 | 52 | 72 | 14 | 14 | 12 | 604 | 83 | 59 | 26 | 3 | 3 | ..... |
| SOUTH CENTRAL DIVISION. | | | | | | | | | | | | | | | |
| 29 | Kentucky..... | 11 | 915 | 27 | 50 | 48 | 2 | 9 | 757 | 59 | 55 | 37 | 1 | ..... | 7 |
| 30 | Tennessee..... | 14 | 1,181 | 50 | 49 | 26 | 25 | 6 | 417 | 90 | 47 | 32 | 1 | 10 | ..... |
| 31 | Alabama..... | 4 | 456 | 64 | 71 | 11 | 18 | 2 | 306 | 93 | 97 | ..... | ..... | 13 | ..... |
| 32 | Mississippi..... | 4 | 364 | 28 | 82 | 12 | 6 | 2 | 136 | 100 | 65 | 26 | ..... | ..... | ..... |
| 33 | Louisiana..... | 6 | 380 | 69 | 47 | 53 | ..... | 5 | 265 | 72 | 41 | 32 | ..... | ..... | ..... |
| 34 | Texas..... | 7 | 627 | 40 | 45 | 2 | 53 | 4 | 367 | 80 | 49 | 25 | 5 | ..... | ..... |
| 35 | Arkansas..... | 3 | 38 | 63 | 63 | 33 | 4 | 3 | 34 | 88 | 67 | 33 | ..... | ..... | ..... |
| WESTERN DIVISION. | | | | | | | | | | | | | | | |
| 36 | Montana..... | 1 | 30 | ..... | ..... | ..... | ..... | 1 | 32 | 84 | 34 | 33 | ..... | 33 | ..... |
| 37 | Wyoming..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 9 | 100 | 56 | ..... | ..... | ..... | ..... |
| 38 | Colorado..... | 4 | 94 | 71 | 61 | 34 | 5 | 4 | 140 | 84 | 79 | 12 | 3 | ..... | ..... |
| 39 | New Mexico..... | ..... | 125 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 40 | Nevada..... | 1 | 4 | 100 | 50 | 50 | 5 | 1 | 43 | 100 | 44 | 56 | ..... | ..... | ..... |
| 41 | Washington..... | 2 | 73 | 100 | 36 | 59 | 8 | 2 | 165 | 35 | 39 | 56 | ..... | ..... | ..... |
| 42 | Oregon..... | 4 | 91 | 30 | 48 | 44 | 8 | 3 | 198 | 72 | 96 | ..... | 2 | ..... | ..... |
| 43 | California..... | 11 | 1,162 | 35 | 23 | 36 | 39 | 10 | 851 | 80 | 33 | 29 | 32 | 1 | ..... |
| North Atlantic Division..... | | | | | | | | | | | | | | | |
| South Atlantic Division..... | | | | | | | | | | | | | | | |
| North Central Division..... | | | | | | | | | | | | | | | |
| South Central Division..... | | | | | | | | | | | | | | | |
| Western Division..... | | | | | | | | | | | | | | | |
| 62 | North Atlantic Division..... | 62 | 10,363 | 82 | 78 | 15 | 7 | 47 | 8,489 | 89 | 81 | 10 | 1 | 5 | 2 |
| 45 | South Atlantic Division..... | 45 | 3,705 | 60 | 78 | 7 | 13 | 37 | 2,911 | 72 | 82 | 7 | 2 | 7 | 2 |
| 143 | North Central Division..... | 143 | 13,427 | 63 | 47 | 25 | 28 | 126 | 10,995 | 83 | { (1) | 26 | 11 | 12 | 2 |
| 49 | South Central Division..... | 49 | 3,961 | 45 | 54 | 27 | 19 | 31 | 2,282 | 77 | 44 | 27 | 9 | 1 | 4 |
| 23 | Western Division..... | 23 | 1,579 | 36 | 32 | 39 | 29 | 22 | 1,438 | 75 | 48 | 26 | 5 | 20 | 1 |

TABLE 7.—Statistics of colleges of

| | Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. |
|----|---------------------|-------------------------------------------|---------------------------------------------------------------------------|------------------|------------------------|-------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | ALABAMA. | | | | | |
| 1 | East Lake | Howard College | Rev. B. F. Riley, D. D. | 1843 | 1841 | Baptist ... |
| 2 | Greensborough ... | Southern University.. | Rev. Allen S. Andrews, A. M., D. D., LL. D. | 1856 | 1859 | M. E. So .. |
| 3 | Near Mobile | Spring Hill College... | Rev. James Loneragan, S. J. | 1836 | 1830 | R. C |
| 4 | Selma | Selma University*.... | Rev. Charles L. Purce, A. B. | 1881 | 1878 | Baptist ... |
| 5 | University | University of Alabama | Henry D. Clayton, LL. D.... | 1819 | 1819 | Non-sect.. |
| | ARKANSAS. | | | | | |
| 6 | Batesville | Arkansas College | Rev. I. J. Long, D. D. | 1872 | 1872 | Presb..... |
| 7 | Boonsborough | Cane Hill College | Rev. F. R. Earle, D. D. | 1851 | 1852 | Cumb'l'nd Presb. |
| 8 | Little Rock | Little Rock University | Rev. Alfred Noon, A. M. | 1883 | 1882 | M. E. |
| 9 |do | Philander Smith Col- lege. | Rev. Thomas Mason, A. M. . | 1883 | 1877 | M. E. |
| | CALIFORNIA. | | | | | |
| 10 | Benicia | College of St. Augus- tine. | Rt. Rev. J. H. D. Wing- field, D. D., LL. D., D. C. L., F. R. G. S. | 1867 | 1867 | P. E. |
| 11 | Berkeley | University of Cali- fornia. | Horace Davis, A. B. | 1868 | 1869 | Non-sect.. |
| 12 | College City | Pierce Christian Col- lege.* | James C. Keith | 1874 | 1874 | Christian . |
| 13 | College Park | University of the Pa- cific. | Rev. A. C. Hirst, D. D., LL. D. | 1855 | 1854 | M. E. |
| 14 | Los Angeles | St. Vincent's College.. | Rev. A. J. Meyer, C. M. | 1869 | 1867 | R. C |
| 15 |do | University of South- ern California. | Rev. M. M. Bovard, A. M., D. D. | 1880 | 1881 | M. E. |
| 16 | Napa City | Napa College | Rev. J. N. Beard, D. D. | 1885 | 1886 | M. E. |
| 17 | Oakland | California College | Samuel B. Morse, D. D. | 1874 | 1874 | Baptist ... |
| 18 | San Francisco | St. Ignatius College... | Rev. Henry Inoda, S. J. | 1859 | 1855 | R. C |
| 19 | Santa Clara | Santa Clara College... | Rev. Jno. Pinasco, S. J. | 1855 | 1851 | R. C |
| 20 | Santa Rosa | Pacific Methodist Col- lege. | J. S. Austin, A. M. | 1862 | 1861 | M. E. So .. |
| 21 | Woodbridge | San Joaquin Valley College. | Rev. Darius A. Mobley, A. M., D. D. | 1883 | 1879 | U. B. |
| 22 | Woodland | Hesperian College | A. M. Elston, A. M. | 1860 | 1860 | Christian . |
| | COLORADO. | | | | | |
| 23 | Boulder | University of Colorado | Horace M. Hale, LL. D. | 1861 | 1877 | Non-sect.. |
| 24 | Colorado Springs .. | Colorado College | William F. Slocum, jr. | 1873 | 1874 | Non-sect.. |
| 25 | Del Norte | Presbyterian College of the Southwest. | William M. Baird | 1883 | 1883 | Presb..... |
| 26 | Denver | University of Denver. | Ammi B. Hyde, D. D. | 1864 | 1880 | M. E. |
| | CONNECTICUT. | | | | | |
| 27 | Hartford | Trinity College | Rev. George Williamson Smith, D. D., LL. D. | 1823 | 1824 | P. E. |
| 28 | Middletown | Wesleyan University. | John M. Van Vleck, LL. D., acting president. | 1831 | 1831 | M. E. |
| 29 | New Haven | Yale University | Rev. Timothy Dwight, D. D., LL. D. | 1701 | 1701 | Non-sect.. |
| | DAKOTA. | | | | | |
| 30 | East Pierre | Pierre University | Rev. W. M. Blackburn, D. D. | 1883 | 1883 | Presb..... |
| 31 | Fargo | Fargo College | Rev. Geo. B. Barnes, A. M. . | 18-7 | 1887 | Cong |
| 32 | Grand Forks | University of North Dakota. | Homer B. Sprague, M. A., PH. D. | 1883 | 1884 | Non-sect.. |
| 33 | Mitchell | Dakota University | Rev. William Brush, D. D. . | | 1885 | M. E. |
| 34 | Vermillion | University of Dakota. | Edward Olson, M. A., PH. D. | 1883 | 1883 | ..... |
| 35 | Yankton | Yankton College | Rev. Joseph Ward, D. D. . | 1881 | 1882 | Non-sect.. |

* Statistics of 1887-88.

liberal arts for 1888-89.—PART I.

| Professors and instructors. | | | | Students. | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|----------------------------------|------------------------------|---------------|-----------------------------------|---------|--------|----------------------------------|---------|--------|-------------------------------|---------|--------|------------------------------|---------|--------|---------------|---------|--------|----|--|--|--|--|--|
| Number in preparatory department. | Number in collegiate department. | Number in other departments. | Total number. | Number in preparatory department. | | | Number in collegiate department. | | | Number of resident graduates. | | | Number in other departments. | | | Total number. | | | | | | | | |
| | | | | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | | | | |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | | | | | | |
| 1 | 10 | 0 | 6 | 23 | 0 | 23 | 120 | 0 | 120 | | | | | | | 143 | 0 | 143 | 1 | | | | | |
| | | | 11 | 37 | 0 | 37 | 178 | 1 | 179 | | | | | | | 215 | 1 | 216 | 2 | | | | | |
| | | | 24 | | | | | | | | | | | | | | | | | | | | | |
| 0 | 15 | 0 | 15 | 0 | 0 | 0 | 9 | 3 | 12 | 3 | 0 | 3 | 0 | 0 | 0 | 119 | 0 | 119 | 3 | | | | | |
| | | | 8 | | | | 186 | 0 | 186 | | | | | | | 157 | 225 | 382 | 4 | | | | | |
| | | | | | | | | | | | | | | | | 189 | 0 | 189 | 5 | | | | | |
| | | | 4 | | | | | | | | | | | | | | | | | | | | | |
| | | | 3 | 50 | 60 | 110 | 4 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 25 | 65 | 6 | | | | | |
| | | | | | | | | | | | | | | | | 54 | 63 | 117 | 7 | | | | | |
| 2 | 3 | 2 | 8 | 32 | 39 | 71 | 4 | 8 | 12 | | | | 25 | 22 | 47 | 61 | 69 | 130 | 8 | | | | | |
| | | | 7 | 13 | 2 | 15 | 10 | 5 | 15 | | | | 89 | 63 | 157 | 112 | 75 | 187 | 9 | | | | | |
| | | | 6 | 27 | 0 | 27 | 36 | 0 | 36 | 2 | 0 | 2 | | | | 65 | 0 | 65 | 10 | | | | | |
| | 47 | | 47 | 0 | 0 | 0 | 277 | 72 | 349 | 14 | 0 | 14 | | | | 291 | 72 | 363 | 11 | | | | | |
| | | | 9 | 18 | 22 | 40 | 28 | 22 | 50 | | | | | | | 46 | 44 | 90 | 12 | | | | | |
| 8 | 17 | 2 | 27 | 259 | 107 | 366 | 55 | 47 | 102 | 2 | 3 | 5 | 11 | 69 | 80 | 327 | 226 | 553 | 13 | | | | | |
| 4 | 7 | | 11 | 160 | 0 | 160 | 20 | 0 | 20 | | | | | | | 180 | 0 | 180 | 14 | | | | | |
| | | | 13 | 140 | 59 | 199 | 36 | 8 | 44 | | | | 89 | 94 | 183 | 265 | 161 | 426 | 15 | | | | | |
| | | | 13 | 71 | 41 | 112 | 8 | 1 | 9 | | | | 8 | 45 | 53 | 87 | 87 | 174 | 16 | | | | | |
| 5 | 8 | | 13 | 27 | 11 | 38 | 24 | 26 | 50 | | | | 0 | 13 | 13 | 51 | 50 | 101 | 17 | | | | | |
| 6 | 14 | 0 | 20 | 486 | 0 | 486 | 243 | 0 | 243 | | | | | | | 729 | 0 | 729 | 18 | | | | | |
| 2 | 11 | 4 | 17 | 20 | 0 | 20 | 109 | 0 | 109 | 3 | 0 | 3 | 68 | 0 | 68 | 200 | 0 | 200 | 19 | | | | | |
| | | | 8 | | | | 61 | 30 | 91 | | | | 23 | 16 | 39 | 84 | 46 | 130 | 20 | | | | | |
| | | | 10 | 34 | 21 | 55 | 20 | 11 | 31 | | | | | | | 79 | 41 | 120 | 21 | | | | | |
| 2 | 5 | | 7 | 25 | 35 | 60 | 15 | 25 | 40 | | | | 4 | 60 | 64 | 44 | 120 | 164 | 22 | | | | | |
| | | | 9 | 45 | 21 | 66 | 14 | 13 | 27 | 0 | 0 | 0 | 0 | 15 | 15 | 59 | 49 | 108 | 23 | | | | | |
| | 10 | | 10 | | | | 75 | 20 | 95 | | | | | | | 75 | 20 | 95 | 24 | | | | | |
| | | | 2 | 14 | 9 | 23 | 1 | 2 | 3 | | | | | | | 15 | 11 | 26 | 25 | | | | | |
| 5 | 7 | 20 | 32 | 145 | 131 | 276 | 12 | 3 | 15 | 0 | 0 | 0 | 162 | 65 | 227 | 319 | 199 | 518 | 26 | | | | | |
| 0 | 20 | | 20 | 0 | 0 | 0 | 136 | 0 | 136 | 1 | 0 | 1 | | | | 137 | 0 | 137 | 27 | | | | | |
| 0 | 19 | 0 | 19 | 0 | 0 | 0 | 198 | 15 | 213 | 4 | 1 | 5 | 0 | 0 | 0 | 202 | 16 | 218 | 28 | | | | | |
| 0 | 44 | 7 | 51 | 0 | 0 | 0 | 688 | 0 | 688 | 79 | 0 | 79 | 8 | 39 | 47 | 775 | 39 | 814 | 29 | | | | | |
| | | | 9 | 21 | 16 | 37 | 9 | 9 | 18 | | | | | | | | | | | | | | | |
| | | | 7 | 12 | 20 | 32 | 2 | 1 | 3 | 0 | 0 | 0 | 14 | 64 | 78 | 30 | 25 | 55 | 30 | | | | | |
| 5 | 6 | 0 | 11 | 103 | 76 | 179 | 13 | 7 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 116 | 83 | 199 | 31 | | | | | |
| | | | 5 | | | | | | | | | | | | | | | | | | | | | |
| | | | 21 | 164 | 114 | 278 | 42 | 14 | 56 | 5 | 0 | 5 | 63 | 73 | 136 | 61 | 50 | 111 | 33 | | | | | |
| | | | 10 | | | | | | | | | | | | | 71 | 102 | 173 | 34 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE 7.—Statistics of colleges of

| | Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. |
|----|-----------------------|-------------------------------------------|------------------------------------------------|------------------|------------------------|-------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | DISTRICT OF COLUMBIA. | | | | | |
| 36 | Washington | Columbian University | James C. Welling, LL. D. . . | 1821 | 1821 | Non-sect.. |
| 37 | do | Georgetown College .. | Rev. J. Havens Richards, S. J. | 1815 | 1789 | R. C. |
| 38 | do | Gonzaga College | Edward A. McGurk, S. J. . | 1858 | 1821 | R. C. |
| 39 | do | Howard University. . . | Rev. William W. Patton, D. D., LL. D. | 1867 | 1867 | Non-sect.. |
| 40 | do | National Deaf-Mute College. | E. M. Gallaudet, PH. D., LL. D. | 1864 | 1864 | Non-sect.. |
| | FLORIDA. | | | | | |
| 41 | De Land | John B. Stetson Uni- versity. | John F. Forbes, PH. D. | 1887 | 1883 | Baptist ... |
| 42 | Leesburgh | Florida Conference College. | Rev. T. W. Moore, D. D. | 1886 | 1886 | M. E. So .. |
| 43 | Orange City | St. John's River Con- ference College. | Rev. Charles W. Harsh- man, A. B., S. T. B. | 1887 | 1887 | M. E. |
| 44 | Winter Park | Rollins College | Rev. E. P. Hooker, D. D. | 1885 | 1885 | Cong. |
| | GEORGIA. | | | | | |
| 45 | Athens | University of Georgia. | W. E. Boggs, D. D. | 1784 | 1801 | Non-sect.. |
| 46 | Atlanta | Atlanta University. . . | Rev. Horace Bumstead, D. D. | 1869 | 1869 | Non-sect.. |
| 47 | do | Clark University | W. H. Croghan, acting president. | 1877 | 1869 | M. E. |
| 48 | Bowdon | Bowdon College | Rev. F. H. M. Henderson, D. D. | 1857 | 1856 | Non-sect.. |
| 49 | Macon | Mercer University. . . | Rev. G. A. Nunnally, D. D. . | 1837 | 1838 | Baptist ... |
| 50 | Oxford | Emory College | Rev. W. A. Candler, D. D. . . | 1836 | 1837 | M. E. So .. |
| | ILLINOIS. | | | | | |
| 51 | Abingdon | Hedding College | J. R. Jaques, D. D., PH. D. . | 1875 | 1855 | M. E. |
| 52 | Bloomington | Illinois Wesleyan Uni- versity. | William H. Wilder, A. M., D. D. | 1853 | 1853 | M. E. |
| 53 | Bourbonnais Grove. | St. Viateur's College. . | Rev. M. J. Marsile, C. S. V. . | 1874 | 1865 | R. C. |
| 54 | Carthage | Carthage College | Holmes Dysinger, D. D. | 1870 | 1870 | Lutheran . |
| 55 | Chicago | St. Ignatius College. . | Rev. Edward A. Higgins, S. J. | 1870 | 1870 | R. C. |
| 56 | Elmhurst | Evangelical Prosemin- ary. | Rev. D. Irion | 1869 | 1870 | Ger. Ev. . . |
| 57 | Eureka | Eureka College | Carl Johann, A. M., LL. D. . | 1855 | 1849 | Christian . |
| 58 | Evanston | Northwestern Univer- sity. | Rev. Joseph Cummings, D. D., LL. D. | 1851 | 1855 | M. E. |
| 59 | Ewing | Ewing College | Rev. John Washburn, A. M., D. D. | 1867 | 1868 | Baptist ... |
| 60 | Fulton | Northern Illinois Col- lege. | A. M. Hansen, A. M., PH. D. . | 1866 | 1866 | Non-sect.. |
| 61 | Galena | German-English Col- lege. | Rev. Fr. Schaub, A. M. | 1880 | 1868 | M. E. |
| 62 | Galesburgh. . . | Knox College | Hon. Newton Bateman, A. M., LL. D. | 1837 | 1841 | Non-sect.. |
| 63 | do | Lombard University. . | Rev. Nehemiah White, PH. D. | 1853 | 1853 | Univ. |
| 64 | Jacksonville | Illinois College | Edward Allen Tanner, D. D. | 1835 | 1830 | Non-sect.. |
| 65 | Lake Forest | Lake Forest Univer- sity. | Rev. William C. Roberts, D. D., LL. D. | 1856 | 1876 | Presb. |
| 66 | Lebanon | McKendree College. . . | Rev. I. Villars, D. D. | 1834 | 1834 | M. E. |
| 67 | Lincoln | Lincoln University . . | A. E. Turner, A. M. | 1865 | 1866 | C. Presb. . |
| 68 | Monmouth | Monmouth College. . . | Rev. J. B. McMichael, D. D. | 1857 | 1856 | U. Presb. . |
| 69 | Naperville | Northwestern College. | H. J. Kiehofer, acting president. | 1865 | 1861 | Ev. Ass'n. |
| 70 | Quincy | Chaddock College | Marquis D. Hornbeck, A. M., S. T. B. | 1876 | 1876 | M. E. |

liberal arts for 1888-89.—PART I—Continued.

| Professors and instructors. | | | | Students. | | | | | | | | | | | | | | |
|-----------------------------------|----------------------------------|------------------------------|---------------|-----------------------------------|---------|--------|----------------------------------|---------|--------|-------------------------------|---------|--------|------------------------------|---------|--------|---------------|---------|--------|
| Number in preparatory department. | Number in collegiate department. | Number in other departments. | Total number. | Number in preparatory department. | | | Number in collegiate department. | | | Number of resident graduates. | | | Number in other departments. | | | Total number. | | |
| 7 | 8 | 9 | 10 | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 7 | 9 | 16 | 81 | 0 | 81 | 40 | 0 | 40 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 121 | 0 | 121 |
| 12 | 15 | 27 | 140 | 0 | 140 | 80 | 0 | 80 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 220 | 0 | 220 |
| 2 | 7 | 9 | 70 | 0 | 70 | 50 | 0 | 50 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 120 | 0 | 120 |
| 1 | 7 | 7 | 31 | 0 | 31 | 23 | 0 | 23 | ..... | 0 | 0 | 0 | 110 | 58 | 168 | 164 | 58 | 222 |
| ..... | ..... | 7 | 14 | 5 | 19 | 29 | 3 | 32 | 2 | 0 | 2 | ..... | ..... | ..... | ..... | 45 | 8 | 53 |
| ..... | ..... | 9 | 30 | 55 | 85 | 0 | 1 | 1 | 1 | 6 | 7 | ..... | ..... | ..... | ..... | 31 | 62 | 93 |
| 2 | 3 | 5 | 30 | 29 | 59 | 21 | 20 | 41 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 51 | 49 | 100 |
| 5 | ..... | 5 | 40 | 45 | 85 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 40 | 45 | 85 |
| ..... | ..... | 9 | 20 | 18 | 38 | 2 | 4 | 6 | ..... | ..... | ..... | ..... | 18 | 17 | 35 | 40 | 39 | 79 |
| ..... | 14 | 14 | ..... | ..... | ..... | 147 | 0 | 147 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 147 | 0 | 147 |
| 5 | 6 | 1 | 21 | 55 | 0 | 55 | 18 | 1 | 19 | 0 | 0 | 0 | 127 | 194 | 321 | 214 | 252 | 466 |
| ..... | ..... | 12 | 29 | 27 | 56 | 9 | 2 | 11 | 0 | 1 | 1 | ..... | ..... | ..... | ..... | 38 | 30 | 68 |
| 2 | 2 | 4 | 52 | 24 | 76 | 26 | 26 | 52 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 78 | 50 | 128 |
| 1 | 5 | 6 | 46 | 0 | 46 | 91 | 0 | 91 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 137 | 0 | 137 |
| 2 | 9 | 2 | 13 | 64 | 0 | 64 | 165 | 0 | 165 | ..... | ..... | ..... | ..... | ..... | ..... | 229 | 0 | 229 |
| ..... | 10 | 10 | 40 | 45 | 85 | 11 | 10 | 21 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 56 | 50 | 106 |
| 2 | 9 | 4 | 15 | 108 | 70 | 178 | 63 | 37 | 100 | 0 | 0 | 0 | 19 | 118 | 137 | 190 | 225 | 415 |
| ..... | ..... | 21 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 214 | 0 | 214 |
| 8 | 8 | 7 | 35 | 25 | 60 | 15 | 10 | 25 | 1 | 2 | 3 | ..... | ..... | ..... | ..... | 53 | 39 | 92 |
| ..... | ..... | 20 | 205 | 0 | 205 | 54 | 0 | 54 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 259 | 0 | 259 |
| 1 | 6 | 0 | 7 | 19 | 0 | 19 | 89 | 0 | 89 | 0 | 0 | 0 | 0 | 0 | 0 | 108 | 0 | 108 |
| ..... | 11 | 3 | 14 | 104 | 48 | 152 | 53 | 25 | 78 | 5 | 1 | 6 | 20 | 12 | 32 | 182 | 86 | 268 |
| 10 | 15 | 13 | 38 | 234 | 108 | 392 | 167 | 119 | 286 | ..... | ..... | ..... | 15 | 113 | 128 | 466 | 340 | 806 |
| ..... | ..... | 5 | 53 | 22 | 75 | 32 | 11 | 43 | ..... | ..... | ..... | ..... | 0 | 1 | 1 | 85 | 34 | 119 |
| ..... | ..... | 7 | ..... | ..... | ..... | 29 | ..... | ..... | 34 | ..... | ..... | ..... | ..... | ..... | 122 | ..... | ..... | 185 |
| 2 | 2 | 2 | 6 | 34 | 3 | 37 | 27 | 7 | 34 | ..... | ..... | ..... | 20 | 20 | 40 | 81 | 30 | 111 |
| 9 | 11 | 20 | 110 | 60 | 170 | 105 | 40 | 145 | 12 | 3 | 15 | ..... | ..... | ..... | ..... | 227 | 103 | 330 |
| ..... | ..... | 13 | 23 | 25 | 48 | 33 | 24 | 57 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | 56 | 55 | 111 |
| ..... | ..... | 10 | 95 | 0 | 95 | 66 | 0 | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 161 | 0 | 161 |
| 6 | 27 | 0 | 33 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 177 | 90 | 267 |
| ..... | 2 | 7 | 64 | 16 | 80 | 30 | 9 | 39 | 0 | 0 | 0 | 9 | 6 | 15 | 103 | 31 | 134 | 66 |
| ..... | ..... | 10 | 35 | 14 | 49 | 18 | 15 | 33 | 0 | 0 | 0 | 46 | 45 | 91 | 99 | 74 | 173 | 67 |
| 3 | 9 | 2 | 14 | 90 | 77 | 167 | 73 | 61 | 134 | ..... | ..... | ..... | 28 | 49 | 77 | 191 | 187 | 378 |
| ..... | ..... | 13 | 54 | 24 | 78 | 42 | 19 | 61 | ..... | ..... | ..... | ..... | 73 | 19 | 92 | 169 | 62 | 231 |
| ..... | ..... | 10 | 50 | 25 | 75 | 20 | 10 | 30 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 70 | 74 | 144 |

TABLE 7.—Statistics of colleges of

| | Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. |
|-----|--------------------|--------------------------------|-----------------------------------------------------|------------------|------------------------|-------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | ILLINOIS—cont'd. | | | | | |
| 71 | Quincy | St. Francis Solanus College. | Rev. P. Anselmus Mueller, O. S. F. | 1873 | 1860 | R. C |
| 72 | Rock Island | Augustana College.... | Rev. T. N. Hasselquist, D. D. | 1865 | 1860 | Lutheran .. |
| 73 | Teutopolis | St. Joseph's Diocesan College. | Rev. P. Michael Richardt, O. S. F. | 1881 | 1862 | R. C |
| 74 | Upper Alton | Shurtleff College | Rev. A. A. Kendrick, D. D. | 1835 | 1827 | Baptist ... |
| 75 | Westfield | Westfield College | Rev. Isaiah L. Kephart, D. D., F. S. SC. | 1865 | 1865 | U. B |
| 76 | Wheaton | Wheaton College | Charles A. Blanchard | 1860 | 1860 | Cong |
| | INDIANA. | | | | | |
| 77 | Bloomington | Indiana University... | David S. Jordan, M. D., PH. D., LL. D. | 1820 | 1824 | Non-sect.. |
| 78 | Crawfordsville.... | Wabash College | Rev. Joseph F. Tuttle, D. D., LL. D. | 1834 | 1833 | Presb |
| 79 | Fort Wayne | Concordia College | Andrew Baepier | 1850 | 1839 | Lutheran .. |
| 80 | Franklin | Franklin College | Rev. W. T. Stott, D. D. | 1844 | 1837 | Baptist ... |
| 81 | Greencastle | De Pauw University... | Rev. Alexander Martin, D. D., LL. D. | 1837 | 1837 | M. E |
| 82 | Hanover | Hanover College | Rev. D. W. Fisher, D. D. | 1832 | 1828 | Presb |
| 83 | Hartsville | Hartsville College | Rev. C. H. Kiracofe, A. M. | 1851 | 1850 | U. B |
| 84 | Irrington | Butler University | Allen R. Benton, LL. D. | 1850 | 1855 | Christian .. |
| 85 | Merom | Union Christian College.* | Rev. L. J. Aldrich, A. M., B. D. | 1859 | 1861 | Christian .. |
| 86 | Moore's Hill | Moore's Hill College.. | George P. Jenkins, D. D.... | 1854 | 1856 | M. E |
| 87 | Notre Dame | University of Notre Dame. | Rev. Thomas E. Walsh, C. S. C. | 1844 | 1845 | R. C |
| 88 | Richmond | Earlham College | Joseph J. Mills, A. M. | 1859 | 1847 | Friends... |
| 89 | Ridgeville | Ridgeville College | Rev. E. O. Dickinson, A. M., B. D. | 1867 | 1867 | F. W. Bapt |
| 90 | St Meinrad | St. Meinrad's College . | Rt. Rev. Fintan M u n d - wiler, O. S. B., abbot. | ..... | 1857 | R. C |
| | IOWA. | | | | | |
| 91 | Cedar Rapids | Coe College | Rev. James Marshall, A. M., D. D. | 1881 | 1881 | Presb.,.... |
| 92 | College Springs... | Amity College | Rev. T. J. Kennedy, D. D.... | 1856 | 1871 | Non-sect.. |
| 93 | Davenport | Griswold College | Rev. William Stevens Perry, D. D., LL. D., D. C. L. | 1859 | 1859 | P. E |
| 94 | Decorah | Luther College | Rev. Laur Larsen | 1865 | 1861 | Luth |
| 95 | Des Moines | Drake University | G. T. Carpenter, A. M. | 1881 | 1881 | Christian .. |
| 96 | do | Des Moines College.... | H. L. Stetson, D. D. | 1865 | 1866 | Baptist ... |
| 97 | Fairfield | Parsons College | Rev. Ambrose C. Smith, D. D. | 1873 | 1875 | Presb |
| 98 | Fayette | Upper Iowa University. | Rev. John William Bissell, A. M., D. D. | 1862 | 1857 | M. E |
| 99 | Grinnell | Iowa College | Rev. George A. Gates | 1847 | 1848 | Cong |
| 100 | Hopkinton | Lenox College | Rev. Alexander G. Wilson, D. D. | 1856 | 1859 | Presb |
| 101 | Indianola | Simpson College | Rev. W. E. Hamilton, A. M. | 1867 | 1867 | M. E |
| 102 | Iowa City | State University of Iowa. | Charles A. Schaeffer, A. M., PH. D. | 1847 | 1860 | Non-sect.. |
| 103 | Mount Pleasant .. | German College | Rev. John Schlagenhauf, A. M. | 1873 | 1873 | M. E |
| 104 | do | Iowa Wesleyan University. | Rev. J. T. McFarland, D. D. | 1855 | 1855 | M. E |
| 105 | Mount Vernon... | Cornell College | Rev. William F. King, D. D., LL. D. | 1857 | 1857 | M. E |
| 106 | Oskaloosa | Oskaloosa College | J. A. Beattie, A. M. | 1855 | 1862 | Christian .. |
| 107 | do | Penn College | Benjamin Trueblood, LL. D. | 1873 | 1873 | Friends... |
| 108 | Pella | Central University of Iowa. | Rev. S. J. Axtell | 1853 | 1853 | Baptist. .. |

* Statistics of 1887-88.

liberal arts for 1888-89.—PART I—Continued.

| Professors and instructors. | | | | Students. | | | | | | | | | | | | | | | |
|----------------------------------------|-------------------------------------|-----------------------------------|---------------|-----------------------------------------|---------|--------|----------------------------------------|---------|--------|-------------------------------------|---------|--------|------------------------------------|---------|--------|---------------|---------|--------|-------|
| Number in prepa- ratory department. | Number in collegiate department. | Number in other de- partments. | Total number. | Number in preparatory department. | | | Number in collegiate department. | | | Number of resident graduates. | | | Number in other departments. | | | Total number. | | | |
| | | | | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | |
| 2 | 12 | ..... | 14 | 10 | 0 | 10 | 78 | 0 | 78 | ..... | ..... | ..... | 91 | 0 | 91 | 179 | 0 | 179 | 71 |
| 2 | 8 | ..... | 20 | 71 | 26 | 97 | 63 | 1 | 64 | 2 | 0 | 2 | 26 | 5 | 31 | 162 | 32 | 194 | 72 |
| ..... | ..... | ..... | 10 | 12 | 0 | 12 | 150 | 0 | 150 | ..... | ..... | ..... | ..... | ..... | ..... | 162 | 0 | 162 | 73 |
| 5 | 7 | ..... | 12 | ..... | ..... | ..... | 18 | 15 | 33 | ..... | ..... | ..... | 1 | ..... | ..... | 137 | 72 | 209 | 74 |
| ..... | 4 | 3 | 7 | 47 | 32 | 79 | 35 | 21 | 56 | 0 | 0 | 0 | 20 | 23 | 43 | 102 | 76 | 178 | 75 |
| ..... | ..... | 16 | 16 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 223 | ..... | ..... | 223 | 76 |
| 4 | 22 | ..... | 26 | 84 | 47 | 131 | 209 | 82 | 291 | 7 | 2 | 9 | 0 | 0 | 0 | 300 | 131 | 431 | 77 |
| 3 | 10 | ..... | 13 | 98 | 0 | 98 | 138 | 0 | 138 | ..... | ..... | ..... | ..... | ..... | ..... | 236 | 0 | 236 | 78 |
| ..... | 8 | 3 | 8 | 60 | 39 | 99 | 39 | 40 | 79 | 1 | 0 | 1 | 5 | 34 | 39 | 230 | 0 | 230 | 79 |
| 16 | 14 | 13 | 43 | ..... | 326 | ..... | ..... | ..... | 268 | ..... | ..... | 5 | ..... | ..... | 213 | 105 | 113 | 218 | 80 |
| 2 | 12 | 2 | 16 | 36 | 12 | 48 | 68 | 25 | 93 | 0 | 2 | 2 | ..... | ..... | ..... | 104 | 39 | 143 | 82 |
| 2 | 3 | 2 | 7 | 26 | 17 | 43 | 14 | 12 | 26 | 0 | 1 | 1 | 4 | 4 | 8 | 44 | 34 | 78 | 83 |
| 1 | 8 | ..... | 9 | 37 | 23 | 60 | 54 | 20 | 74 | 4 | 0 | 4 | 16 | 6 | 22 | 111 | 49 | 160 | 84 |
| 4 | 6 | ..... | 10 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 101 | 46 | 147 | 85 |
| ..... | 4 | 1 | 5 | 29 | 30 | 59 | 28 | 12 | 40 | 3 | 2 | 5 | ..... | ..... | ..... | 85 | 55 | 140 | 86 |
| 8 | 31 | 7 | 46 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 664 | 0 | 664 | 87 |
| ..... | ..... | ..... | 17 | 64 | 46 | 110 | 81 | 66 | 147 | 2 | 2 | 4 | ..... | ..... | ..... | 147 | 114 | 261 | 88 |
| ..... | ..... | ..... | 3 | 29 | 25 | 54 | 2 | 1 | 3 | ..... | ..... | ..... | ..... | 13 | 13 | 31 | 59 | 70 | 89 |
| ..... | ..... | ..... | 10 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 69 | 0 | 69 | 90 |
| ..... | ..... | ..... | 10 | 22 | 40 | 62 | 11 | 8 | 19 | ..... | ..... | ..... | ..... | ..... | ..... | 33 | 48 | 81 | 91 |
| ..... | ..... | ..... | 10 | 80 | 71 | 151 | 20 | 17 | 37 | ..... | ..... | ..... | 40 | 51 | 91 | 140 | 139 | 279 | 92 |
| 24 | 4 | ..... | 28 | 55 | 98 | 153 | 33 | 0 | 33 | 2 | 0 | 2 | 0 | 0 | 0 | 90 | 98 | 188 | 93 |
| ..... | ..... | 0 | 9 | 93 | 0 | 93 | 44 | 0 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 137 | 0 | 137 | 94 |
| 5 | 12 | 11 | 28 | ..... | ..... | 215 | ..... | ..... | 71 | ..... | ..... | ..... | ..... | ..... | 345 | ..... | ..... | 621 | 95 |
| ..... | ..... | ..... | 10 | 43 | 19 | 62 | 6 | 6 | 12 | ..... | ..... | ..... | 0 | 3 | 3 | 49 | 28 | 77 | 96 |
| ..... | ..... | ..... | 10 | 50 | 40 | 90 | 52 | 40 | 92 | ..... | ..... | ..... | ..... | ..... | ..... | 102 | 80 | 182 | 97 |
| ..... | ..... | ..... | 18 | 180 | 93 | 273 | 76 | 24 | 100 | 0 | 3 | 3 | 88 | 44 | 132 | 344 | 164 | 508 | 98 |
| | | | | | | | | | | | | | | | | | | | |
| 3 | 14 | 4 | 21 | 104 | 97 | 201 | 128 | 130 | 258 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 541 | 99 |
| ..... | ..... | 1 | 8 | 22 | 31 | 53 | 32 | 42 | 74 | 1 | 0 | 1 | 11 | 1 | 12 | 66 | 74 | 140 | 100 |
| ..... | ..... | ..... | 12 | 65 | 51 | 116 | 52 | 29 | 81 | 0 | 0 | 0 | 17 | 89 | 106 | 134 | 169 | 303 | 101 |
| ..... | 23 | ..... | 23 | ..... | ..... | ..... | 194 | 87 | 281 | ..... | ..... | ..... | ..... | ..... | ..... | 194 | 87 | 281 | 102 |
| 2 | 1 | ..... | 3 | 22 | 10 | 32 | 8 | 2 | 10 | 0 | 0 | 0 | 34 | 40 | 74 | 64 | 52 | 116 | 103 |
| 1 | 9 | 5 | 15 | 103 | 80 | 183 | 44 | 28 | 72 | ..... | ..... | ..... | 3 | 53 | 56 | 150 | 161 | 311 | 104 |
| 9 | 11 | 5 | 25 | 177 | 152 | 329 | 128 | 66 | 194 | ..... | ..... | ..... | 19 | 54 | 73 | 324 | 272 | 596 | 105 |
| ..... | ..... | ..... | 7 | 60 | 51 | 111 | 23 | 27 | 50 | ..... | ..... | ..... | ..... | ..... | ..... | 83 | 78 | 161 | 106 |
| 2 | 6 | ..... | 8 | 56 | 44 | 100 | 32 | 33 | 65 | ..... | ..... | ..... | ..... | ..... | ..... | 88 | 77 | 165 | 107 |
| 3 | 7 | ..... | 10 | 50 | 42 | 92 | 10 | 8 | 18 | 0 | 0 | 0 | ..... | ..... | ..... | 60 | 50 | 110 | 108 |

TABLE 7.—Statistics of colleges of

| | Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. |
|-----|-------------------|---------------------------------------------------------------------|--------------------------------------------|------------------|------------------------|-------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | IOWA—continued. | | | | | |
| 109 | Tabor..... | Tabor College..... | Rev. William M. Brooks, A. M. | 1866 | 1857 | Cong..... |
| 110 | Toledo..... | Western College..... | J. S. Mills, A. M. | 1856 | 1856 | U. B..... |
| 111 | Waverly..... | Wartburg College.... | G. Grossmann..... | 1885 | 1868 | Luth..... |
| | KANSAS. | | | | | |
| 112 | Atchison..... | Midland College..... | Rev. W. H. Wynn, PH. D., acting president. | 1887 | 1887 | Luth..... |
| 113 |do | St. Benedict's College. | Rt. Rev. Innocent Wolf, O. S. B., D. D. | 1868 | 1859 | R. C..... |
| 114 | Baldwin..... | Baker University..... | Rev. Hillary A. Gobin, A. M., D. D. | 1858 | 1858 | M. E..... |
| 115 | Emporia..... | College of Emporia... | Rev. John F. Hendy, D. D. | 1882 | 1883 | Presb.... |
| 116 | Highland..... | Highland University... | Rev. A. B. Irwin..... | 1857 | 1857 | Presb.... |
| 117 | Holton..... | Campbell University... | E. J. Hoenshel..... | | 1882 | Non-sect.. |
| 118 | Lawrence..... | University of Kansas... | Rev. J. A. Lippincott, D. D., LL. D. | 1864 | 1866 | Non-sect.. |
| 119 | Lecompton | Lane University..... | Rev. J. A. Weller, D. D., PH. D. | 1865 | 1865 | U. B..... |
| 120 | Lindsborg | Bethany College..... | Rev. C. A. Swensson... | 1883 | 1881 | Luth..... |
| 121 | Ottawa..... | Ottawa University.... | George Sutherland, A. M., B. D. | 1865 | 1871 | Baptist.. |
| 122 | St. Mary's..... | St. Mary's College ... | Rev. Henry J. Votel, s. J. ... | 1869 | 1870 | R. C..... |
| 123 | Salina..... | Kansas Wesleyan University. | Aaron Schuyler, A. M., LL. D. | 1885 | 1886 | M. E..... |
| 124 | Sterling..... | Cooper Memorial College. | A. N. Porter, acting president. | | 1887 | Un. Presb. |
| 125 | Topeka..... | Washburn College.... | Peter McVicar, A. M., D. D. | 1865 | 1865 | Cong..... |
| 126 | Wichita..... | Garfield University... | H. W. Everest, A. M., LL. D., chancellor. | 1886 | 1887 | Christian . |
| | KENTUCKY. | | | | | |
| 127 | Berea..... | Berea College..... | Rev. E. H. Fairchild..... | 1865 | 1855 | Non-sect.. |
| 128 | Bowling Green... | Ogden College..... | William A. Obenchain, A. M. | 1877 | 1877 | Non-sect.. |
| 129 | Danville..... | Centre College..... | Rev. William C. Young, D. D. | 1819 | 1821 | Presb..... |
| 130 | Eminence..... | Eminence College..... | W. S. Giltner, M. A..... | 1856 | 1857 | Christian . |
| 131 | Farmdale..... | Kentucky Military Institute. | Col. D. F. Boyd, LL. D..... | 1847 | 1845 | Non-sect.. |
| 132 | Georgetown | Georgetown College.. | Rev. R. M. Dudley, D. D.... | 1829 | 1850 | Baptist. .. |
| 133 | Hopkinsville..... | South Kentucky College. | James E. Scobey, A. M..... | 1849 | 1849 | Christian . |
| 134 | Lexington..... | Kentucky University. | Charles Louis Loos..... | 1858 | 1859 | Christian . |
| 135 | Millersburgh..... | Kentucky Wesleyan College. | D. W. Batson, A. M..... | 1860 | 1866 | M. E. South |
| 136 | Murray..... | Murray Male and Female Institute and West Kentucky Normal School. | W. W. Smith..... | 1871 | 1871 | Non-sect.. |
| 137 | North Middletown | Kentucky Classical and Business College.* | S. W. Pearcy, A. M..... | 1878 | 1877 | Christian . |
| 138 | Richmond..... | Central University.... | Rev. L. H. Blanton, D. D., chancellor. | 1873 | 1874 | So. Presb. |
| 139 | Russellville..... | Bethel College..... | Rev. W. S. Ryland, A. M., PH. D. | 1856 | 1854 | Baptist. .. |
| 140 | St. Mary's..... | St. Mary's College ... | Rev. David Fennessy, C. R. | 1837 | 1821 | R. C..... |
| | LOUISIANA. | | | | | |
| 141 | Baton Rouge..... | Louisiana State University and Agricultural and Mechanical College. | Col. J. W. Nicholson, A. M.. | 1855 | 1860 | Non-sect.. |

* Statistics of 1887-88.

Liberal arts for 1888-89.—PART I—Continued.

| Professors and instructors. | | | | Students. | | | | | | | | | | | | | | | | |
|-----------------------------------|----------------------------------|------------------------------|---------------|-----------------------------------|---------|--------|----------------------------------|---------|--------|-------------------------------|---------|--------|------------------------------|---------|--------|---------------|---------|--------|-----|-----|
| Number in preparatory department. | Number in collegiate department. | Number in other departments. | Total number. | Number in preparatory department. | | | Number in collegiate department. | | | Number of resident graduates. | | | Number in other departments. | | | Total number. | | | | |
| | | | | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | | |
| 4 | 7 | ..... | 11 | 50 | 41 | 91 | 21 | 31 | 52 | ..... | ..... | ..... | ..... | ..... | ..... | 100 | 82 | 182 | 109 | |
| 8 | 9 | ..... | 17 | 73 | 36 | 109 | 50 | 23 | 73 | 1 | 0 | 1 | ..... | ..... | ..... | 124 | 59 | 183 | 110 | |
| ..... | ..... | ..... | 5 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 65 | 0 | 65 | 111 | |
| 1 | 5 | | 6 | 30 | 10 | 40 | 15 | 8 | 23 | | | | | 4 | 5 | 9 | 49 | 23 | 72 | 112 |
| 10 | 8 | 3 | 21 | 140 | 0 | 140 | 45 | 0 | 45 | 2 | 0 | 2 | 12 | 0 | 12 | 199 | 0 | 199 | 113 | |
| | | | 12 | 105 | 67 | 172 | 75 | 40 | 115 | | | | | 26 | 70 | 96 | 206 | 177 | 383 | 114 |
| 2 | 8 | ..... | 10 | 67 | 34 | 101 | 17 | 7 | 24 | 1 | 3 | 1 | 11 | 18 | 29 | 96 | 59 | 155 | 115 | |
| ..... | ..... | ..... | 12 | 30 | 37 | 67 | 14 | 6 | 20 | 2 | 2 | 4 | 10 | 21 | 31 | 56 | 66 | 122 | 116 | |
| ..... | ..... | ..... | 14 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 250 | 268 | 518 | 117 | |
| ..... | ..... | ..... | 30 | 146 | 61 | 207 | 96 | 35 | 131 | 0 | 3 | 3 | 0 | 69 | 69 | 242 | 168 | 410 | 118 | |
| ..... | ..... | ..... | 11 | 62 | 51 | 113 | 27 | 12 | 39 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 264 | 119 | |
| ..... | ..... | ..... | 13 | 102 | 65 | 167 | 17 | 2 | 19 | ..... | ..... | ..... | 56 | 9 | 65 | 175 | 76 | 251 | 120 | |
| ..... | ..... | 3 | 10 | 72 | 44 | 116 | 23 | 15 | 40 | 0 | 1 | 1 | 1 | 20 | 81 | 98 | 140 | 238 | 121 | |
| 9 | 8 | ..... | 17 | 203 | 0 | 203 | 50 | 0 | 50 | ..... | ..... | ..... | ..... | ..... | ..... | 253 | 0 | 253 | 122 | |
| 3 | 7 | ..... | 10 | 63 | 41 | 104 | 11 | 2 | 13 | 0 | 0 | 0 | 36 | 22 | 58 | 110 | 65 | 175 | 123 | |
| | | | 4 | 17 | 17 | 34 | | | | | | | | 8 | 42 | 50 | 25 | 59 | 84 | 124 |
| ..... | ..... | ..... | 14 | ..... | ..... | 188 | ..... | ..... | 47 | 2 | 1 | 3 | ..... | ..... | 10 | ..... | ..... | 248 | 125 | |
| ..... | 6 | 18 | 24 | ..... | ..... | ..... | 40 | 17 | 57 | ..... | ..... | ..... | 650 | 339 | 989 | 690 | 356 | 1,046 | 126 | |
| | | | 18 | 175 | 131 | 306 | 12 | 7 | 19 | | | | | 0 | 9 | 9 | 187 | 147 | 334 | 127 |
| ..... | 4 | ..... | 4 | 49 | 0 | 49 | 40 | 0 | 40 | ..... | ..... | ..... | ..... | ..... | ..... | 89 | 0 | 89 | 128 | |
| 3 | 7 | ..... | 10 | 105 | 0 | 105 | 93 | 0 | 93 | ..... | ..... | ..... | ..... | ..... | ..... | 198 | 0 | 198 | 129 | |
| 1 | 7 | ..... | 8 | 13 | 12 | 25 | 38 | 56 | 94 | 2 | 3 | 5 | ..... | ..... | ..... | 53 | 71 | 124 | 130 | |
| 0 | 6 | ..... | 6 | 0 | 0 | 0 | 33 | 0 | 33 | 1 | 0 | 1 | ..... | ..... | ..... | 34 | 0 | 34 | 131 | |
| 3 | 7 | ..... | 10 | 17 | 0 | 17 | 110 | 0 | 110 | ..... | ..... | ..... | ..... | ..... | ..... | 127 | 0 | 127 | 132 | |
| 2 | 7 | 2 | 11 | 10 | 8 | 18 | 48 | 52 | 100 | ..... | ..... | ..... | ..... | ..... | ..... | 58 | 60 | 118 | 133 | |
| 2 | 7 | 0 | 9 | 40 | 0 | 40 | 135 | 0 | 135 | 0 | 0 | 0 | 0 | 0 | 0 | 175 | 0 | 175 | 134 | |
| ..... | ..... | ..... | 5 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 131 | 0 | 131 | 135 | |
| ..... | ..... | ..... | 5 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 100 | 81 | 181 | 136 | |
| 2 | 9 | ..... | 11 | 17 | 13 | 30 | 33 | 44 | 77 | ..... | ..... | ..... | ..... | ..... | ..... | 50 | 57 | 107 | 137 | |
| 3 | 8 | ..... | 11 | 60 | 0 | 60 | 107 | 0 | 107 | 3 | 0 | 3 | ..... | ..... | ..... | 170 | 0 | 170 | 138 | |
| 1 | 6 | ..... | 7 | 43 | 0 | 43 | 129 | 0 | 129 | ..... | ..... | ..... | ..... | ..... | ..... | 172 | 0 | 172 | 139 | |
| 2 | 10 | 0 | 12 | 4 | 0 | 4 | 101 | 0 | 101 | 6 | 0 | 6 | 0 | 0 | 0 | 111 | 0 | 111 | 140 | |
| 2 | 11 | ..... | 13 | 80 | 0 | 80 | 64 | 0 | 64 | ..... | ..... | ..... | ..... | ..... | ..... | 144 | 0 | 144 | 141 | |

TABLE 7.—Statistics of colleges of

| | Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. |
|-----|------------------------|-------------------------------------------------|--------------------------------------------|------------------|------------------------|-------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | LOUISIANA—continued. | | | | | |
| 142 | Convent | Jefferson College (St. Mary's). | Rev. Thomas Henry, s. M.. | ..... | 1864 | R. C..... |
| 143 | Grand Coteau | St. Charles College..... | Rev. W. I. Kennely, s. J..... | 1852 | 1837 | R. C..... |
| 144 | Jackson..... | Centenary College of Louisiana. | Rev. W. L. C. Hunnicutt, D. D. | 1825 | 1825 | Methodist. |
| 145 | Keatchie..... | Keatchie College | G. W. Thigpen, A. M., chairman of faculty. | 1856 | 1856 | Baptist.. |
| 146 | New Orleans..... | College of the Immaculate Conception.* | Very Rev. Theobald W. Butler, s. J. | 1856 | 1847 | R. C..... |
| 147 | ...do | Leland University.... | Rev. Edward C. Mitchell, D. D. | ..... | ..... | Baptist.. |
| 148 | ...do | New Orleans University. | Rev. L. G. Adkinson, A. M., D. D. | 1873 | 1873 | M. E..... |
| 149 | ...do | Southern University.. | H. A. Hill | 1880 | 1880 | Non-sect.. |
| 150 | ...do | Straight University .. | Rev. R. C. Hitchcock, D. D. | 1869 | 1870 | Non-sect.. |
| 151 | ...do | Tulane University of Louisiana. | Wm. Preston Johnston, LL. D. | 1884 | 1884 | Non-sect.. |
| 152 | Shreveport | Thatcher Institute* .. | Captain Geo. E. Thatcher, M. A. | 1886 | 1871 | Non-sect.. |
| | MAINE. | | | | | |
| 153 | Brunswick | Bowdoin College..... | Rev. Wm. DeWitt Hyde, D. D. | 1794 | 1802 | Cong |
| 154 | Lewiston | Bates College..... | Rev. Oren B. Cheney, D. D.. | 1863 | 1863 | Free Bapt. |
| 155 | Waterville | Colby University | Albion W. Small, PH. D..... | 1813 | 1818 | Baptist.. |
| | MARYLAND. | | | | | |
| 156 | Annapolis | St. John's College..... | Thomas Fell, LL. D., PH. D. | 1784 | 1789 | Non-sect.. |
| 157 | Baltimore | Johns Hopkins University. | Daniel C. Gilman, A. M., LL. D. | 1867 | 1876 | Non-sect.. |
| 158 | ...do | Loyola College..... | Rev. F. A. Smith, s. J | 1853 | 1849 | R. C |
| 159 | Ellicott City..... | Rock Hill College..... | Brother Denis | 1865 | 1857 | R. C |
| 160 | ...do | St. Charles's College .. | Rev. F. L. Dumont, D. D .. | 1830 | 1848 | R. C |
| 161 | Mount St. Mary's P. O. | Mount St. Mary's College. | Very Rev. Edward P. Allen, D. D. | 1830 | 1808 | R. C |
| 162 | New Windsor | New Windsor College and Windsor Female College. | Rev. A. M. Jelly, D. D | 1886 | 1843 | Non-sect.. |
| 163 | Westminster | Western Maryland College. | Rev. Thos. H. Lewis, A. M., D. D. | 1868 | 1867 | Meth. Pro. |
| | MASSACHUSETTS. | | | | | |
| 164 | Amherst..... | Amherst College..... | Rev. Julius H. Seelye, D. D., LL. D. | 1825 | 1821 | Cong |
| 165 | Boston..... | Boston College | Robert Fulton, s. J..... | 1863 | 1863 | R. C |
| 166 | ...do | Boston University.... | Wm. F. Warren, s. T. D., LL. D. | 1869 | 1871 | M. E..... |
| 167 | Cambridge..... | Harvard University .. | Charles William Eliot, LL. D. | 1650 | 1638 | Non-sect.. |
| 168 | College Hill | Tufts College..... | Elmer Hewitt Capen, D. D. | 1852 | 1855 | Universal. |
| 169 | Williamstown | Williams College | Franklin Carter, PH. D., LL. D. | 1793 | 1793 | Non-sect.. |
| 170 | Worcester..... | College of the Holy Cross. | Rev. Samuel Cahill, s. J..... | 1865 | 1843 | R. C |
| | MICHIGAN. | | | | | |
| 171 | Adrian | Adrian College | George B. McElroy, acting president. | 1859 | 1859 | Meth. Pro. |
| 172 | Albion..... | Albion College..... | Rev. Lewis R. Fiske, D. D., LL. D. | 1861 | 1861 | M. E..... |
| 173 | Ann Arbor | University of Michigan. | James B. Angell, LL. D..... | 1837 | 1841 | Non-sect.. |
| 174 | Battle Creek | Battle Creek College.. | Wm. Warren Prescott, A. M. | 1874 | 1874 | 7-D. A.... |
| 175 | Benzonia | Grand Traverse College. | S. B. Harvey | 1863 | 1862 | Cong |

*Statistics of 1887-88.

a. Twenty-four of these are non-resident.

TABLE 7.—Statistics of colleges of liberal

| | Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. |
|-----|---------------------|-----------------------------------------|-------------------------------------------------|------------------|------------------------|-------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | MICHIGAN—cont'd. | | | | | |
| 176 | Detroit | Detroit College | Rev. Michael P. Dowling, S. J. | 1881 | 1879 | R. C. |
| 177 | Hillsdale | Hillsdale College | George F. Mosher, A. M. . . | 1855 | 1855 | F. W. Bap. |
| 178 | Holland | Hope College | Rev. Charles Scott, D. D. . . | 1866 | 1862 | Reformed. |
| 179 | Kalamazoo | Kalamazoo College .. | Rev. Monson A. Willcox, D. D. | 1833 | 1833 | Baptist ... |
| 180 | Olivet | Olivet College | Rev. Horatio Q. Butter- field, D. D. | 1859 | 1859 | Cong. and Presb. |
| | MINNESOTA. | | | | | |
| 181 | Collegeville | St. John's University * | Alexius Edelbrock, O. S. B. . | 1857 | 1857 | R. C. |
| 182 | Hamline | Hamline University .. | Rev. George H. Bridgman, D. D. | 1854 | 1854 | M. E. |
| 183 | Macalester | Macalester College .. | Rev. T. A. McCurdy | 1853 | 1855 | Non-sect.. |
| 184 | Minneapolis | Augsburg Seminary .. | Rev. George Sverdrup | 1869 | 1869 | Luth. |
| 185 | do | University of Minne- sota. | Cyrus Northrop, LL. D. | 1851 | 1869 | Non-sect.. |
| 186 | New Ulm | Dr. Martin Luther College. | Rev. O. Hoyer | 1884 | 1884 | Luth. |
| 187 | Northfield | Carleton College | Rev. James W. Strong, D. D. | 1866 | 1870 | Cong. |
| 188 | do | St. Olaf College | Rev. Thorbjørn N. Mohn. | 1874 | 1875 | Luth. |
| | MISSISSIPPI. | | | | | |
| 189 | Clinton | Mississippi College .. | Rev. W. S. Webb, D. D. | 1830 | 1830 | Baptist .. |
| 190 | Holly Springs | Rust University | Rev. C. E. Libby, D. D. | 1870 | 1868 | M. E. |
| 191 | Holmesville | Kavanaugh College .. | Rev. H. Walter Feather- stun. | 1855 | 1884 | Non-sect.. |
| 192 | University | University of Missis- sippi. | Edward Mayes, LL. D., F. S. SC. | 1844 | 1848 | Non-sect.. |
| | MISSOURI. | | | | | |
| 193 | Avalon | Avalon College | F. A. Z. Kumlér, A. M. | 1869 | 1872 | U. B. |
| 194 | Bolivar | Southwest Baptist College. | Julius M. Leavitt, A. M., PH. D. | 1879 | 1878 | Baptist .. |
| 195 | Bowling Green .. | Pike County College .. | Ernest W. Dow, A. B. | 1887 | 1881 | Non-sect.. |
| 196 | Canton | Christian University .. | Simpson Ely | 1853 | 1857 | Christian. |
| 197 | Cape Girardeau .. | St. Vincent's College .. | Very Rev. Francis V. Nu- gent, C. M. | 1843 | 1843 | R. C. |
| 198 | Columbia | University of the State of Missouri. | S. S. Laws, LL. D. | 1839 | 1840 | Non-sect.. |
| 199 | Edinburgh | Grand River College .. | Rev. J. T. Williams, A. M. . . | 1845 | 1845 | Baptist ... |
| 200 | Fayette | Central College | J. D. Hammond | 1857 | 1857 | M. E. So .. |
| 201 | Fulton | Westminster College .. | Rev. Wm. Hoge Marquess. | 1832 | 1832 | Presb. |
| 202 | Glasgow | Pritchett School In- stitute. | J. S. Kendall | 1868 | 1866 | Non-sect.. |
| 203 | La Grange | La Grange College* .. | J. F. Cook, A. M., LL. D. | 1859 | 1866 | Baptist ... |
| 204 | Liberty | William Jewell Col- lege. | James G. Clark, LL. D., chairman of faculty. | 1849 | 1850 | Baptist ... |
| 205 | Morrisville | Morrisville College .. | Rev. J. B. Ellis | 1876 | 1872 | M. E. So .. |
| 206 | Neosho | Scarritt Collegiate In- stitute. | Rev. C. C. Woods, D. D. | 1888 | 1888 | M. E. So .. |
| 207 | St. Louis | College of the Chris- tian Brothers. | Rev. Bro. Paulian | 1855 | 1851 | R. C. |
| 208 | do | St. Louis University .. | Henry Moeller, S. J. | 1832 | 1829 | R. C. |
| 209 | do | Washington Univer- sity. | Marshall S. Snow, acting chancellor. | 1853 | 1859 | Non-sect.. |
| 210 | Springfield | Drury College | Francis T. Ingalls | 1873 | 1873 | Cong. |
| 211 | Tarkio | Tarkio College | Rev. J. A. Thompson, A. M. | 1855 | 1884 | Un. Presb. |
| 212 | Warrenton | Central Wesleyan Col- lege. | Rev. Herman A. Koch, D. D. | 1865 | 1864 | Ger. M. E. |
| | MONTANA. | | | | | |
| 213 | Deer Lodge | College of Montana ... | Rev. D. J. McMillan, D. D. . | 1884 | 1883 | Presb. |

*Statistics of 1887-88.

arts for 1888-89.—PART I—Continued.

| Professors and instructors. | | | | Students. | | | | | | | | | | | | | | | |
|-----------------------------------|----------------------------------|------------------------------|---------------|-----------------------------------|---------|--------|----------------------------------|---------|--------|-------------------------------|---------|--------|------------------------------|---------|--------|---------------|---------|--------|-----|
| Number in preparatory department. | Number in collegiate department. | Number in other departments. | Total number. | Number in preparatory department. | | | Number in collegiate department. | | | Number of resident graduates. | | | Number in other departments. | | | Total number. | | | |
| | | | | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | |
| 1 | 7 | 10 | 18 | 37 | 0 | 37 | 52 | 0 | 52 | ..... | ..... | ..... | 166 | 0 | 166 | 255 | 0 | 255 | 176 |
| 8 | 8 | 0 | 16 | 49 | 26 | 75 | 86 | 37 | 123 | 1 | 0 | 1 | 12 | 76 | 88 | 148 | 139 | 287 | 177 |
| 3 | 7 | ..... | 10 | 82 | 26 | 108 | 37 | 2 | 39 | ..... | ..... | ..... | 17 | 75 | 92 | 136 | 103 | 239 | 178 |
| ..... | 10 | ..... | 10 | ..... | ..... | 143 | ..... | ..... | 38 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 181 | 179 |
| 5 | 11 | ..... | 16 | 63 | 42 | 105 | 73 | 46 | 119 | 0 | 0 | 0 | ..... | ..... | ..... | 136 | 88 | 224 | 180 |
| 3 | 15 | ..... | 18 | 42 | 0 | 42 | 151 | 0 | 151 | 0 | 0 | 0 | ..... | ..... | ..... | 193 | 0 | 193 | 181 |
| 2 | 6 | 2 | 10 | ..... | ..... | 118 | ..... | ..... | 43 | ..... | ..... | ..... | ..... | ..... | 30 | ..... | ..... | 191 | 182 |
| ..... | ..... | ..... | 11 | 110 | 0 | 110 | 54 | 0 | 54 | 3 | 0 | 3 | ..... | ..... | ..... | 167 | 0 | 167 | 183 |
| ..... | 5 | ..... | 5 | 54 | 0 | 54 | 55 | 0 | 55 | ..... | ..... | ..... | ..... | ..... | ..... | 109 | 0 | 109 | 184 |
| ..... | ..... | ..... | 28 | 42 | 4 | 46 | 220 | 67 | 287 | 20 | 14 | 34 | 161 | 70 | 231 | 443 | 155 | 598 | 185 |
| ..... | ..... | ..... | 6 | 7 | 0 | 7 | 10 | 0 | 10 | ..... | ..... | ..... | ..... | ..... | ..... | 72 | 0 | 72 | 186 |
| 1 | 15 | 5 | 21 | 53 | 52 | 105 | 35 | 32 | 67 | 0 | 1 | 1 | 36 | 93 | 129 | 124 | 178 | 302 | 187 |
| 7 | 3 | ..... | 10 | 67 | 23 | 90 | 18 | 0 | 18 | 0 | 0 | 0 | ..... | ..... | ..... | 85 | 23 | 108 | 188 |
| 2 | 5 | ..... | 7 | 127 | 0 | 127 | 132 | 0 | 132 | ..... | ..... | ..... | ..... | ..... | ..... | 259 | 0 | 259 | 189 |
| ..... | ..... | ..... | 8 | 150 | 199 | 349 | 2 | 2 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | 152 | 201 | 353 | 190 |
| ..... | 7 | ..... | 7 | 15 | 20 | 35 | 32 | 37 | 69 | ..... | ..... | ..... | ..... | ..... | ..... | 14 | 47 | 57 | 191 |
| 2 | 11 | 0 | 13 | 27 | 0 | 27 | 140 | 5 | 145 | 0 | 0 | 0 | 0 | 0 | 0 | 167 | 5 | 172 | 192 |
| ..... | ..... | ..... | 7 | 33 | 11 | 44 | 24 | 11 | 35 | 0 | 0 | 0 | 33 | 48 | 81 | 90 | 70 | 160 | 193 |
| ..... | ..... | ..... | 16 | ..... | ..... | 25 | ..... | ..... | 131 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 156 | 194 |
| 1 | 6 | ..... | 8 | ..... | ..... | 105 | ..... | ..... | 25 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 130 | 195 |
| 3 | 7 | ..... | 7 | 1 | 3 | 4 | 48 | 36 | 84 | ..... | ..... | ..... | ..... | ..... | ..... | 49 | 39 | 88 | 196 |
| ..... | ..... | ..... | 10 | 41 | 0 | 41 | 53 | 0 | 53 | ..... | ..... | ..... | ..... | ..... | ..... | 94 | 0 | 94 | 197 |
| ..... | ..... | ..... | 22 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 373 | 125 | 498 | 198 |
| 1 | 4 | ..... | 5 | 25 | 20 | 45 | 10 | 30 | 40 | ..... | ..... | ..... | ..... | ..... | ..... | 35 | 50 | 85 | 199 |
| ..... | ..... | ..... | 8 | 111 | 0 | 111 | 39 | 0 | 39 | 2 | 0 | 2 | ..... | ..... | ..... | 152 | 0 | 152 | 200 |
| 1 | 8 | ..... | 9 | 50 | 0 | 50 | 75 | 0 | 75 | ..... | ..... | ..... | ..... | ..... | ..... | 125 | 0 | 125 | 201 |
| 0 | 6 | ..... | 6 | ..... | ..... | ..... | 39 | 26 | 65 | 0 | 0 | 0 | ..... | ..... | ..... | 39 | 26 | 65 | 202 |
| ..... | ..... | ..... | 8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 60 | 51 | 111 | 203 |
| ..... | ..... | ..... | 8 | 128 | 0 | 128 | 61 | 0 | 61 | ..... | ..... | ..... | ..... | ..... | ..... | 189 | 0 | 189 | 204 |
| 3 | 4 | ..... | 7 | 61 | 60 | 121 | 10 | 8 | 18 | ..... | 1 | 1 | ..... | ..... | ..... | 71 | 69 | 140 | 205 |
| ..... | ..... | ..... | 11 | 28 | 20 | 48 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 70 | 80 | 150 | 206 |
| 9 | 10 | 6 | 25 | 150 | 0 | 150 | 60 | 0 | 60 | 0 | 0 | 0 | 100 | 0 | 100 | 310 | 0 | 310 | 207 |
| 6 | 8 | 7 | 21 | 118 | 0 | 118 | 114 | 0 | 114 | 12 | 0 | 12 | 205 | 0 | 205 | 449 | 0 | 449 | 208 |
| 0 | 24 | ..... | 24 | ..... | ..... | ..... | 91 | 9 | 100 | ..... | ..... | ..... | ..... | ..... | ..... | 91 | 9 | 100 | 209 |
| ..... | ..... | ..... | 12 | 147 | 62 | 209 | 19 | 11 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 166 | 73 | 239 | 210 |
| ..... | ..... | ..... | 10 | 13 | 21 | 34 | 16 | 5 | 21 | ..... | ..... | ..... | ..... | ..... | ..... | 29 | 26 | 55 | 211 |
| 2 | 8 | ..... | 10 | 112 | 43 | 155 | 45 | 4 | 49 | ..... | ..... | ..... | ..... | ..... | ..... | 157 | 47 | 204 | 212 |
| 2 | 8 | 4 | 14 | 54 | 26 | 80 | 15 | 17 | 32 | ..... | ..... | ..... | ..... | ..... | ..... | 78 | 72 | 150 | 213 |

TABLE 7.—Statistics of colleges of liberal

| | Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. |
|-----|--------------------|--------------------------------------------------------|----------------------------------------------------|------------------|------------------------|-------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | NEBRASKA. | | | | | |
| 214 | Bellevue..... | Bellevue College..... | Rev. Francis S. Blayney, A. M., PH. D. | 1880 | 1883 | Presb..... |
| 215 | Central City | Nebraska Central Col- lege.* | Rev. H. A. Crane, A. M. | 1885 | 1885 | Non-sect.. |
| 216 | Crete | Doane College | Rev. David B. Perry, A. M., | 1872 | 1873 | Cong |
| 217 | Lincoln | Nebraska Wesleyan University. | C. F. Creighton, chancellor | 1887 | 1888 | M. E..... |
| 218 |do | University of Ne- braska. | Charles E. Bessey, acting chancellor. | 1869 | 1871 | Non-sect.. |
| 219 | Neligh | Gates College | Rev. D. J. Baldwin, secre- tary. | 1881 | 1881 | Cong |
| 220 | Omaha | Creighton College | Rev. Thomas S. Fitzgerald, S. J. | 1879 | 1879 | R. C |
| | NEVADA. | | | | | |
| 221 | Reno | State University of Nevada. | Le Roy D. Brown, A. M., PH. D. | 1862 | 1874 | Non-sect.. |
| | NEW HAMPSHIRE. | | | | | |
| 222 | Hanover | Dartmouth College ... | Rev. Samuel C. Bartlett, D. D., LL. D. | 1769 | 1770 | Cong |
| | NEW JERSEY. | | | | | |
| 223 | Newark | St. Benedict's College. | Rev. Hugo Paff, O. S. B., PH. D. | 1881 | 1898 | R. C |
| 224 | New Brunswick.. | Rutgers College | Merrill Edwards Gates, PH. D., LL. D., L. H. D. | 1766 | 1770 | Reformed. |
| 225 | Princeton | College of New Jersey | Rev. Francis Landey Pat- ton, D. D., LL. D. | 1748 | 1746 | Non-sect.. |
| 226 | Vineland | College of the Sacred Heart.* | Rev. Eugene H. Porcile, S. P. M. | 1887 | 1885 | R. C |
| | NEW MEXICO. | | | | | |
| 227 | Albuquerque | Albuquerque College . | Rev. W. Bowser, A. M. | 1887 | 1887 | M. E..... |
| 228 | Santa Fé | University of New Mexico. | Rev. E. Lyman Hood, A. M., acting president. | 1881 | 1880 | Cong |
| | NEW YORK. | | | | | |
| 229 | Alfred Centre | Alfred University | Rev. Jonathan Allen, D. D., PH. D., LL. D. | 1857 | 1857 | 7-Day Bap |
| 230 | Allegany | St. Bonaventure's Col- lege. | Fr. Joseph Butler, O. S. F.. | 1875 | 1859 | R. C |
| 231 | Annandale | St. Stephen's College.. | Rev. Robert B. Fairbairn, D. D., LL. D. | 1860 | 1858 | Episcopal. |
| 232 | Brooklyn | Brooklyn Collegiate and Polytechnic In- stitute. | David H. Cochran, PH. D., LL. D. | 1854 | 1854 | Non-sect.. |
| 233 |do | St. Francis College.... | Brother Jerome, O. S. F..... | 1884 | 1859 | R. C |
| 234 | Buffalo | Canisius College | Rev. J. U. Heinze | 1883 | 1870 | R. C |
| 235 | Canton | St. Lawrence Univer- sity. | Alpheus Baker Hervey, PH. D. | 1856 | 1859 | Univ |
| 236 | Clinton | Hamilton College | Rev. Henry Darling, D. D., LL. D. | 1812 | 1812 | Presb..... |
| 237 | Geneva | Hobart College | Eliphalet Nott Potter, S. T. D., LL. D. | 1825 | 1825 | P. E |
| 238 | Hamilton | Madison University .. | Ebenezer Dodge, D. D., LL. D. | 1846 | 1819 | Baptist ... |
| 239 | New York | College of St. Francis Xavier. | Rev. David A. Merrick, S. J. | 1861 | 1847 | R. C |
| 240 |do | College of the City of New York. | Alexander S. Webb, LL. D. | 1847 | 1849 | Non-sect.. |
| 241 |do | Columbia College | Henry Drisler, LL. D., act- ing president. | 1754 | 1754 | Non-sect.. |
| 242 |do | Manhattan College ... | Rev. Brother Justin | 1863 | 1853 | R. C |

* Statistics of 1887-88.

arts for 1888-89.—PART I—Continued.

| Professors and instructors. | | | | Students. | | | | | | | | | | | | | | | | | | |
|-----------------------------------|----------------------------------|------------------------------|---------------|-----------------------------------|---------|--------|----------------------------------|---------|--------|-------------------------------|---------|--------|------------------------------|---------|--------|---------------|---------|--------|-----|--|--|--|
| Number in preparatory department. | Number in collegiate department. | Number in other departments. | Total number. | Number in preparatory department. | | | Number in collegiate department. | | | Number of resident graduates. | | | Number in other departments. | | | Total number. | | | | | | |
| | | | | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | | |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | | | | |
| ..... | ..... | ..... | 7 | 16 | 10 | 26 | 12 | 2 | 14 | 7 | 1 | 8 | ..... | ..... | ..... | 40 | 20 | 60 | 214 | | | |
| 1 | 6 | ..... | 7 | 18 | 13 | 31 | 57 | 40 | 97 | 0 | 0 | 0 | ..... | ..... | ..... | 75 | 53 | 128 | 215 | | | |
| ..... | ..... | ..... | 10 | 38 | 23 | 61 | 27 | 13 | 40 | 0 | 0 | 0 | 27 | 61 | 88 | 92 | 97 | 189 | 216 | | | |
| ..... | ..... | ..... | 7 | 26 | 15 | 41 | 6 | 6 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | 32 | 21 | 53 | 217 | | | |
| ..... | ..... | ..... | 29 | 85 | 50 | 135 | 118 | 73 | 191 | ..... | ..... | 9 | ..... | ..... | ..... | 221 | 206 | 427 | 218 | | | |
| ..... | ..... | ..... | 6 | 12 | 17 | 29 | 7 | 3 | 10 | ..... | ..... | ..... | 13 | 34 | 47 | 32 | 54 | 86 | 219 | | | |
| ..... | ..... | ..... | 16 | 168 | 0 | 168 | 14 | 0 | 14 | ..... | ..... | ..... | ..... | ..... | ..... | 182 | 0 | 182 | 220 | | | |
| ..... | ..... | ..... | 7 | 0 | 0 | 0 | 25 | 18 | 43 | 0 | 0 | 0 | 41 | 59 | 100 | 66 | 77 | 143 | 221 | | | |
| 0 | 20 | 0 | 20 | 0 | 0 | 0 | 229 | 0 | 229 | 0 | 0 | 0 | 0 | 0 | 0 | 229 | 0 | 229 | 222 | | | |
| 1 | 7 | 0 | 8 | 11 | 0 | 11 | 82 | 0 | 82 | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 0 | 93 | 223 | | | |
| ..... | 18 | ..... | 18 | ..... | ..... | ..... | 107 | 0 | 107 | ..... | ..... | ..... | ..... | ..... | ..... | 107 | 0 | 107 | 224 | | | |
| 0 | 42 | ..... | 42 | 0 | 0 | 0 | 574 | 0 | 574 | 93 | 0 | 93 | ..... | ..... | ..... | 667 | 0 | 667 | 225 | | | |
| ..... | ..... | ..... | 12 | 30 | 0 | 30 | 41 | 0 | 41 | ..... | ..... | ..... | ..... | ..... | ..... | 94 | 0 | 94 | 226 | | | |
| 4 | 0 | 0 | 4 | ..... | ..... | 95 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 95 | 227 | | | |
| 1 | 3 | 0 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 100 | 228 | | | |
| ..... | ..... | ..... | 19 | 98 | 86 | 184 | 62 | 51 | 113 | 2 | 4 | 6 | ..... | ..... | ..... | 162 | 141 | 303 | 229 | | | |
| 7 | 8 | ..... | 15 | 28 | 0 | 28 | 85 | 0 | 85 | ..... | ..... | ..... | ..... | ..... | ..... | 113 | 0 | 113 | 230 | | | |
| ..... | ..... | ..... | 5 | 14 | 0 | 14 | 56 | 0 | 56 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 0 | 70 | 231 | | | |
| 25 | 14 | 3 | 42 | 568 | 0 | 568 | 209 | 0 | 209 | 3 | 0 | 3 | ..... | ..... | ..... | 780 | 0 | 780 | 232 | | | |
| ..... | ..... | ..... | 21 | 304 | 0 | 304 | 44 | 0 | 44 | 0 | 0 | 0 | 115 | 0 | 115 | 463 | 0 | 463 | 233 | | | |
| 1 | 16 | ..... | 17 | 32 | 0 | 32 | 321 | 0 | 321 | ..... | ..... | ..... | ..... | ..... | ..... | 353 | 0 | 353 | 234 | | | |
| 0 | 8 | 0 | 8 | 0 | 0 | 0 | 51 | 22 | 73 | 8 | 6 | 14 | 0 | 0 | 0 | 59 | 28 | 87 | 235 | | | |
| 0 | 14 | ..... | 14 | 0 | 0 | 0 | 155 | 0 | 155 | ..... | ..... | ..... | ..... | ..... | ..... | 155 | 0 | 155 | 236 | | | |
| 0 | 13 | 0 | 13 | 0 | 0 | 0 | 66 | 0 | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 0 | 66 | 237 | | | |
| 6 | 14 | ..... | 20 | 139 | 0 | 139 | 123 | 0 | 123 | ..... | ..... | ..... | ..... | ..... | ..... | 262 | 0 | 262 | 238 | | | |
| 6 | 9 | 5 | 20 | 117 | 0 | 117 | 306 | 0 | 306 | ..... | ..... | ..... | ..... | ..... | ..... | 423 | 0 | 423 | 239 | | | |
| 14 | 26 | ..... | 40 | 762 | 0 | 762 | 515 | 0 | 515 | ..... | ..... | ..... | ..... | ..... | ..... | 1277 | 0 | 1277 | 240 | | | |
| 0 | 46 | ..... | 46 | 0 | 0 | 0 | 237 | 26 | 263 | 28 | 0 | 28 | ..... | ..... | ..... | 265 | 26 | 291 | 241 | | | |
| 11 | 10 | 1 | 22 | 150 | 0 | 150 | 110 | 0 | 110 | 0 | 0 | 0 | 20 | 0 | 20 | 280 | 0 | 280 | 242 | | | |

TABLE 7.—Statistics of colleges of liberal

| | Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. |
|-----|-------------------------|-------------------------------------------------|-----------------------------------------------------------|------------------|------------------------|-------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | NEW YORK—continued. | | | | | |
| 243 | New York..... | University of the City of New York..... | Rev. Henry M. MacCracken, D. D., LL. D., vice chancellor. | 1831 | 1832 | Non-sect.. |
| 244 | Niagara University..... | Niagara University... | Very Rev. P. V. Kavanagh, C. M. | 1883 | 1856 | R. C. |
| 245 | Rochester..... | University of Rochester. | M. B. Anderson, LL. D., acting president. | 1850 | 1850 | Baptist... |
| 246 | Schenectady..... | Union College..... | Harrison E. Webster, LL. D. | 1795 | 1795 | Non-sect.. |
| 247 | Syracuse..... | Syracuse University.. | Rev. C. N. Sims, D. D..... | 1870 | 1871 | M. E..... |
| | NORTH CAROLINA. | | | | | |
| 248 | Chapel Hill..... | University of North Carolina. | Hon. Kemp P. Battle, LL. D. | 1789 | 1795 | Non-sect.. |
| 249 | Charlotte..... | Biddle University.... | Rev. W. F. Johnson, D. D.. | 1877 | 1868 | Presb..... |
| 250 | Davidson College..... | Davidson College..... | Rev. J. B. Shearer, D. D.... | 1837 | 1837 | Presb..... |
| 251 | Mt. Pleasant..... | North Carolina College. | Rev. J. D. Shirey..... | 1859 | 1858 | Lutheran. |
| 252 | Raleigh..... | Shaw University*.... | Rev. H. M. Tupper, D. D.. | 1875 | 1865 | Baptist... |
| 253 | Rutherford College..... | Rutherford College... | Rev. R. L. Abernethy, A. M., D. D. | 1853 | 1853 | Non-sect.. |
| 254 | Salisbury..... | Livingstone College... | Rev. J. C. Price, D. D..... | 1879 | 1880 | A. M. E. Zion. |
| 255 | Trinity College.... | Trinity College..... | John Franklin Crowell, A. B. | 1858 | 1858 | M. E. So.. |
| 256 | Wake Forest..... | Wake Forest College.. | Rev. Charles E. Taylor, D. D., B. LIT. | 1833 | 1834 | Baptist... |
| 257 | Weaverville..... | Weaverville College*. | S. R. Trawick, A. M. | 1870 | 1871 | M. E. So.. |
| | OHIO. | | | | | |
| 258 | Akron..... | Buchtel College..... | Rev. O. Cone, D. D..... | 1870 | 1872 | Univ..... |
| 259 | Alliance..... | Mount Union College. | Rev. T. P. Marsh, D. D..... | 1858 | 1846 | M. E..... |
| 260 | Ashland..... | Ashland University.... | J. M. Tombaugh..... | 1878 | 1879 | Ger. Bap.. |
| 261 | Athens..... | Ohio University..... | Charles W. Super, A. M., PH. D. | 1804 | 1809 | Non-sect.. |
| 262 | Berea..... | Baldwin University*. | Rev. Joseph E. Stubbs.... | 1856 | 1856 | M. E..... |
| 263 | do..... | German Wallace College. | Rev. William Nast, D. D.. | 1864 | 1865 | M. E..... |
| 264 | Cincinnati..... | St. Joseph's College... | Rev. James Rogers, C. S. C.. | 1873 | 1871 | R. C..... |
| 265 | do..... | St. Xavier College..... | Rev. Henry A. Schapman, S. J. | 1869 | 1840 | R. C..... |
| 266 | do..... | University of Cincinnati. | Jacob D. Cox, A. M., LL. D.. | 1859 | 1873 | Non-sect.. |
| 267 | Cleveland..... | Adelbert College of Western Reserve University. | Rev. Hiram C. Haydn, D. D., LL. D. | 1826 | 1825 | Non-sect.. |
| 268 | do..... | Calvin College..... | Rev. H. J. Ruetenik, D. D.. | 1883 | 1870 | Reformed. |
| 269 | College Hill..... | Belmont College..... | P. V. N. Myers, A. M..... | 1846 | 1846 | ..... |
| 270 | Columbus..... | Capital University.... | Rev. M. Loy, D. D..... | 1850 | 1850 | Lutheran. |
| 271 | do..... | Ohio State University. | William H. Scott, LL. D.... | 1870 | 1873 | Non-sect.. |
| 272 | Delaware..... | Ohio Wesleyan University. | J. W. Bashford..... | 1842 | 1844 | M. E..... |
| 273 | Findlay..... | Findlay College..... | Rev. J. R. H. Latchaw.... | 1882 | 1836 | Church of God. |
| 274 | Gambier..... | Kenyon College..... | Rev. Wm. B. Bodine, D. D.. | 1824 | 1825 | P. E..... |
| 275 | Germanatown..... | Twin Valley College... | Orvon Graf Brown, A. M.... | 1887 | 1886 | Non-sect.. |
| 276 | Granville..... | Denison University.... | Galusha Anderson, D. D., LL. D. | 1832 | 1831 | Baptist... |
| 277 | Hiram..... | Hiram College..... | Ely V. Zollars, A. M..... | 1867 | 1867 | Christian. |
| 278 | Marietta..... | Marietta College..... | Hon. John Eaton, PH. D., LL. D. | 1835 | 1835 | Non-sect.. |
| 279 | New Athens..... | Franklin College..... | Rev. W. A. Williams, D. D. | 1825 | 1825 | Non-sect.. |

* Statistics of 1887-88.

arts for 1888-89.—PART I—Continued.

| Professors and instructors. | | | | Students. | | | | | | | | | | | | | | | |
|-----------------------------------|----------------------------------|------------------------------|---------------|-----------------------------------|---------|--------|----------------------------------|---------|--------|-------------------------------|---------|--------|------------------------------|---------|--------|---------------|---------|--------|-----|
| Number in preparatory department. | Number in collegiate department. | Number in other departments. | Total number. | Number in preparatory department. | | | Number in collegiate department. | | | Number of resident graduates. | | | Number in other departments. | | | Total number. | | | |
| | | | | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | |
| .... | 18 | 4 | 22 | .... | .... | .... | 117 | 0 | 117 | 63 | 1 | 64 | .... | .... | .... | 180 | 1 | 181 | 243 |
| .... | .... | .... | 14 | 88 | 0 | 88 | 55 | 0 | 55 | .... | .... | .... | .... | .... | .... | 143 | 0 | 143 | 244 |
| 0 | 13 | 0 | 13 | 0 | 0 | 0 | 173 | 0 | 173 | 0 | 0 | 0 | 0 | 0 | 0 | 173 | 0 | 173 | 245 |
| 0 | 16 | 0 | 16 | 0 | 0 | 0 | 90 | 0 | 90 | 0 | 0 | 0 | 0 | 0 | 0 | 90 | 0 | 90 | 246 |
| 0 | 12 | 7 | 19 | 0 | 0 | 0 | 296 | 63 | 359 | .... | .... | .... | 30 | 181 | 211 | 326 | 244 | 570 | 247 |
| .... | .... | .... | 13 | 0 | 0 | 0 | 164 | 0 | 164 | 2 | 0 | 2 | 0 | 0 | 0 | 166 | 0 | 166 | 248 |
| 0 | 7 | 0 | 7 | 101 | 0 | 101 | 40 | 0 | 40 | .... | .... | .... | .... | .... | .... | 141 | 0 | 141 | 249 |
| 1 | 3 | .... | 4 | 0 | 0 | 0 | 96 | 0 | 96 | 0 | 0 | 0 | 0 | 0 | 0 | 96 | 0 | 96 | 250 |
| .... | .... | .... | 16 | 32 | 0 | 32 | 17 | 0 | 17 | .... | .... | .... | .... | .... | .... | 49 | 0 | 49 | 251 |
| .... | .... | .... | 6 | 6 | 13 | 19 | 47 | 7 | 54 | 0 | 0 | 0 | .... | .... | .... | 135 | 146 | 281 | 252 |
| .... | .... | .... | 6 | .... | .... | .... | 137 | 53 | 190 | .... | .... | .... | .... | .... | .... | 137 | 53 | 190 | 253 |
| .... | .... | .... | 13 | 72 | 94 | 166 | 12 | 2 | 14 | .... | .... | .... | 16 | 15 | 31 | 100 | 111 | 211 | 254 |
| 0 | 8 | .... | 8 | 0 | 0 | 0 | 111 | 0 | 111 | 0 | 0 | 0 | 0 | 0 | 0 | 111 | 0 | 111 | 255 |
| .... | 11 | .... | 11 | .... | .... | .... | 218 | 0 | 218 | .... | .... | .... | .... | .... | .... | 218 | 0 | 218 | 256 |
| .... | .... | .... | 3 | 40 | 43 | 83 | 16 | 9 | 25 | 0 | 0 | 0 | .... | .... | .... | 56 | 52 | 108 | 257 |
| 9 | 13 | 4 | 26 | 82 | 68 | 150 | 48 | 44 | 92 | .... | .... | .... | .... | .... | .... | 130 | 112 | 242 | 258 |
| 4 | 4 | .... | 17 | 173 | 97 | 270 | 112 | 21 | 133 | .... | .... | .... | 78 | 87 | 165 | 363 | 205 | 568 | 259 |
| 6 | 10 | 0 | 16 | 8 | 26 | 15 | 41 | 5 | 2 | 7 | .... | .... | .... | .... | .... | 31 | 17 | 48 | 260 |
| .... | .... | .... | 6 | 68 | 30 | 98 | 45 | 20 | 65 | .... | .... | .... | .... | .... | .... | 113 | 50 | 163 | 261 |
| 4 | 10 | .... | 14 | 48 | 44 | 92 | 16 | 28 | 44 | 0 | 1 | 1 | .... | .... | .... | 64 | 73 | 137 | 262 |
| 1 | 5 | 0 | 6 | 30 | 13 | 43 | 36 | 2 | 38 | 0 | 0 | 0 | 24 | 1 | 25 | 90 | 16 | 106 | 263 |
| 6 | 5 | 0 | 11 | 157 | 0 | 157 | 43 | 0 | 43 | .... | .... | .... | .... | .... | .... | 200 | 0 | 200 | 264 |
| .... | .... | .... | 24 | 224 | 0 | 224 | 59 | 0 | 59 | 4 | 0 | 4 | 93 | 0 | 93 | 380 | 0 | 380 | 265 |
| 0 | 14 | 0 | 14 | .... | .... | .... | 85 | 35 | 120 | 4 | 1 | 5 | .... | .... | .... | 89 | 36 | 125 | 266 |
| 7 | 13 | 0 | 20 | 63 | 53 | 116 | 59 | 6 | 65 | 0 | 0 | 0 | 0 | 0 | 0 | 122 | 59 | 181 | 267 |
| 4 | 5 | 1 | 10 | 24 | 1 | 25 | 17 | 8 | 25 | .... | .... | .... | 6 | 28 | 34 | 47 | 37 | 84 | 268 |
| .... | .... | .... | 5 | 16 | 28 | 44 | .... | 0 | .... | .... | .... | .... | .... | .... | .... | 16 | 28 | 44 | 269 |
| .... | .... | .... | 8 | 53 | 0 | 53 | 64 | 0 | 64 | .... | .... | .... | .... | .... | .... | 117 | 0 | 117 | 270 |
| .... | .... | .... | 29 | 147 | 18 | 165 | 168 | 29 | 197 | -11 | 0 | 11 | 0 | 0 | 0 | 326 | 47 | 373 | 271 |
| 10 | 16 | .... | 26 | 330 | 103 | 433 | 250 | 176 | 426 | .... | .... | .... | 18 | 93 | 111 | 598 | 372 | 970 | 272 |
| .... | .... | .... | 18 | 75 | 26 | 101 | 31 | 8 | 39 | 0 | 1 | 1 | 72 | 124 | 196 | 178 | 159 | 337 | 273 |
| 8 | 9 | .... | 17 | 98 | 0 | 98 | 47 | 0 | 47 | 5 | 0 | 5 | .... | .... | .... | 150 | 0 | 150 | 274 |
| .... | .... | .... | 8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 20 | 18 | 38 | 275 |
| 5 | 8 | .... | 13 | .... | .... | .... | .... | .... | .... | 1 | 0 | 1 | .... | .... | .... | 180 | 44 | 224 | 276 |
| .... | .... | .... | 15 | 54 | 17 | 71 | 36 | 15 | 51 | 3 | 0 | 3 | 61 | 65 | 126 | 154 | 97 | 251 | 277 |
| 3 | 9 | 0 | 12 | 70 | 0 | 70 | 92 | 0 | 92 | 0 | 0 | 0 | 0 | 0 | 0 | 162 | 0 | 162 | 278 |
| 4 | 2 | .... | 11 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 66 | 40 | 106 | 279 |

TABLE 7.—Statistics of colleges of liberal

| | Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. |
|-----|-------------------|---------------------------------------------------|---------------------------------------------|------------------|------------------------|-------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | OHIO—continued. | | | | | |
| 230 | New Concord..... | Muskingum College.. | Rev. John D. Irons, D. D.... | 1837 | 1837 | Un. Presb. |
| 231 | Oberlin..... | Oberlin College..... | Rev. Jas. B. Fairchild, D. D.. | 1833 | 1834 | Non-sect.. |
| 232 | Oxford..... | Miami University..... | Ethelbert D. Warfield.... | 1809 | 1816 | Non-sect.. |
| 233 | Richmond..... | Richmond College.... | Geo. Whitfield Macmillan.. | 1835 | 1843 | Non-sect.. |
| 234 | Rio Grande..... | Rio Grande College.... | Rev. John M. Davis, A. M.... | 1875 | 1876 | F. W. Bap. |
| 235 | Scio..... | Scio College..... | Rev. G. B. Smith, Ph. D.... | 1844 | 1859 | M. E. |
| 236 | Tiffin..... | Heidelberg College... | Rev. Geo. W. Williard, D. D., LL. D. | 1851 | 1850 | Reformed. |
| 237 | Urbana..... | Urbana University... | Thos. F. Moses, A. M., M. D. | 1850 | 1851 | New Ch... |
| 238 | Westerville..... | Orterbein University.. | Rev. Henry Garst, D. D.... | 1849 | 1847 | U. B..... |
| 239 | Wilberforce..... | Wilberforce Univer- sity | Rev. S. T. Mitchell, A. M.... | 1856 | 1856 | Af. M. E.. |
| 290 | Wilmington..... | Wilmington College.. | James B. Unthank, M. S.... | 1875 | 1870 | Friends... |
| 291 | Wooster..... | University of Wooster | Rev. Sylvester F. Scovel... | 1866 | 1870 | Presb..... |
| 292 | Yellow Springs... | Antioch College..... | Rev. Daniel A. Long, A. M. D. D., LL. D. | 1852 | 1853 | Non-sect.. |
| | OREGON. | | | | | |
| 293 | Eugene City..... | University of Oregon | J. W. Johnson, A. M..... | 1872 | 1876 | Non-sect.. |
| 294 | Forest Grove..... | Pacific University and Tualatin Acad- emy.* | Rev. J. F. Ellis, A. M., D. D. | 1854 | 1848 | Cong..... |
| 295 | McMinnville..... | McMinnville College | Rev. T. G. Brownson..... | 1859 | 1860 | Baptist... |
| 296 | Salem..... | Willamette University | Thos. Van Scoy, A. M., D. D. | 1853 | 1844 | M. E..... |
| | PENNSYLVANIA. | | | | | |
| 297 | Allegheny..... | Western University of Pennsylvania. | Milton B. Goff, A. M., LL. D. | 1819 | 1822 | Non-sect.. |
| 298 | Allentown..... | Muhlenberg College.. | Rev. Theodore Lorenzo Seip, D. D. | 1867 | 1867 | Luth..... |
| 299 | Annville..... | Lebanon Valley Col- lege. | Rev. E. S. Lorenz..... | 1867 | 1866 | U. B..... |
| 300 | Beatty..... | St. Vincent's College. | Rt. Rev. A. Hintenach, O. S. B. | 1870 | 1846 | R. C..... |
| 301 | Beaver Falls..... | Geneva College..... | Rev. H. H. George, D. D.... | 1849 | 1849 | Ref. Presb. |
| 302 | Carlisle..... | Dickinson College.... | Rev. George E. Reed, D. D., LL. D. | 1763 | 1763 | M. E..... |
| 303 | Chester..... | Pennsylvania Military Academy. | Col. Charles E. Hyatt, C. E. | 1862 | 1862 | Non-sect.. |
| 304 | Collegeville..... | Ursinus College..... | Rev. J. H. A. Bomberger, D. D., LL. D. | 1869 | 1870 | Reformed. |
| 305 | Easton..... | Lafayette College.... | James H. Mason Knox, D. D., LL. D. | 1826 | 1832 | Presb..... |
| 306 | Gettysburgh..... | Pennsylvania College. | Rev. H. W. McKnight, D. D. | 1832 | 1832 | Lutheran. |
| 307 | Greenville..... | Thiel College..... | Rev. W. A. Beates, A. M.... | 1871 | 1871 | Lutheran. |
| 308 | Grove City..... | Grove City College.... | Isaac C. Ketter, A. M., Ph. D. | 1879 | 1876 | Non-sect.. |
| 309 | Haverford College | Haverford College.... | Isaac Sharpless, Sc. D.... | 1833 | 1833 | Friends... |
| 310 | Lancaster..... | Franklin and Marshall College | Rev. Thomas G. Apple, D. D., LL. D. | 1853 | 1853 | Reformed. |
| 311 | Lewisburgh..... | Bucknell University.. | Geo. G. Groff, acting presi- dent | 1846 | 1845 | Baptist... |
| 312 | Loretto..... | St. Francis College.... | Franciscan Bros..... | 1858 | 1850 | R. C..... |
| 313 | Meadville..... | Allegheny College.... | Rev. Wilbur G. Williams, D. D. | 1817 | 1815 | M. E..... |
| 314 | New Berlin..... | Central Pennsylvania College. | Rev. A. E. Gobble, A. M.... | 1880 | 1856 | Ev. Ass'n. |
| 315 | New Wilmington. | Westminster College. | Rev. R. G. Ferguson, D. D.. | 1854 | 1852 | Un. Presb. |
| 316 | Philadelphia..... | La Salle College..... | Brother Abraham, F. S. C... | 1863 | 1867 | R. C..... |
| 317 | ...do..... | St. Joseph's College... | Rev. B. Villager..... | 1852 | 1852 | R. C..... |
| 318 | ...do..... | University of Penn- sylvania. | William Pepper, M. D., LL. D., provost. | 1753 | 1753 | Non-sect.. |
| 319 | Pittsburgh..... | Holy Ghost College... | Rev. John T. Murphy, c. s. SP. | 1882 | 1878 | R. C..... |

* Statistics of 1887-88.

arts for 1888-89.—PART I—Continued.

| Professors and instructors. | | | | Students. | | | | | | | | | | | | | | | | |
|-----------------------------------|----------------------------------|------------------------------|---------------|-----------------------------------|---------|--------|----------------------------------|---------|--------|-------------------------------|---------|--------|------------------------------|---------|--------|---------------|---------|--------|------|--|
| Number in preparatory department. | Number in collegiate department. | Number in other departments. | Total number. | Number in preparatory department. | | | Number in collegiate department. | | | Number of resident graduates. | | | Number in other departments. | | | Total number. | | | | |
| | | | | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | | |
| .... | 4 | 4 | 8 | 47 | 17 | 64 | 38 | 12 | 50 | .... | .... | .... | .... | .... | .... | 85 | 29 | 114 | 280 | |
| .... | .... | 17 | 45 | 264 | 31 | 295 | 248 | 353 | 601 | 1 | 0 | 1 | 141 | 437 | 578 | 654 | 821 | 1475 | 281 | |
| .... | .... | .... | 11 | 19 | 0 | 19 | 36 | 2 | 38 | .... | .... | .... | .... | .... | .... | 55 | 2 | 57 | 282 | |
| .... | .... | .... | 6 | 18 | 10 | 28 | 8 | 1 | 9 | .... | .... | .... | .... | 12 | 31 | 43 | 38 | 42 | 80 | |
| .... | .... | .... | 5 | 12 | 12 | 24 | 9 | 5 | 14 | .... | 0 | 0 | 0 | 51 | 21 | 72 | 72 | 78 | 110 | |
| .... | .... | .... | 11 | 58 | 30 | 88 | 200 | 108 | 308 | .... | .... | .... | .... | 6 | 6 | 258 | 144 | 402 | 285 | |
| 1 | 7 | 4 | 12 | .... | .... | 90 | .... | .... | 96 | .... | .... | .... | .... | .... | .... | .... | .... | 186 | 286 | |
| 2 | 5 | 0 | 7 | 9 | 7 | 16 | 6 | 1 | 7 | 0 | 0 | 0 | 5 | 7 | 12 | 20 | 15 | 35 | 287 | |
| 3 | 7 | 5 | 15 | 68 | 35 | 103 | 34 | 16 | 50 | 0 | 1 | 1 | 39 | 70 | 109 | 141 | 122 | 263 | 288 | |
| 7 | 6 | .... | 13 | 46 | 19 | 65 | 14 | 4 | 18 | 0 | 0 | 0 | .... | .... | .... | 82 | 42 | 124 | 289 | |
| .... | .... | .... | 7 | 38 | 35 | 73 | 21 | 13 | 34 | .... | .... | .... | .... | .... | .... | 59 | 48 | 107 | 290 | |
| .... | .... | .... | 24 | 127 | 37 | 164 | 154 | 42 | 196 | 112 | 5 | 117 | 33 | 117 | 150 | 426 | 201 | 627 | 291 | |
| .... | .... | .... | 14 | 50 | 47 | 97 | 18 | 15 | 33 | 4 | 5 | 9 | .... | .... | .... | 104 | 106 | 210 | 292 | |
| | | | | | | | | | | | | | | | | | | | | |
| .... | .... | .... | 9 | .... | .... | .... | 98 | 62 | 160 | .... | .... | .... | .... | .... | .... | 98 | 62 | 160 | 293 | |
| .... | .... | .... | 6 | 42 | 36 | 78 | 17 | 5 | 22 | .... | .... | .... | .... | .... | .... | 59 | 41 | 100 | 294 | |
| | | | | | | | | | | | | | | | | | | | | |
| 6 | 4 | 6 | 16 | 49 | 40 | 89 | 5 | 2 | 7 | .... | .... | .... | 1 | 39 | 40 | 54 | 42 | 96 | 295 | |
| .... | .... | .... | .... | .... | .... | .... | 24 | 7 | 31 | .... | .... | .... | .... | .... | .... | 133 | 98 | 231 | 296 | |
| | | | | | | | | | | | | | | | | | | | | |
| 4 | 14 | 0 | 18 | 140 | 0 | 140 | 77 | 0 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 217 | 0 | 217 | 297 | |
| 2 | 6 | 0 | 8 | 72 | 0 | 72 | 79 | 0 | 79 | 0 | 0 | 0 | 0 | 0 | 0 | 151 | 0 | 151 | 298 | |
| 7 | 7 | .... | 14 | 38 | 7 | 45 | 35 | 10 | 45 | 0 | 0 | 0 | 63 | 33 | 96 | 136 | 50 | 186 | 299 | |
| 9 | 14 | .... | 23 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 257 | 0 | 257 | 300 | |
| 2 | 6 | 1 | 9 | 33 | 21 | 54 | 40 | 20 | 60 | .... | .... | .... | .... | .... | .... | 73 | 41 | 114 | 301 | |
| 3 | 10 | .... | 13 | 56 | 10 | 66 | 82 | 16 | 98 | .... | .... | .... | .... | .... | .... | 138 | 26 | 164 | 302 | |
| .... | .... | .... | 14 | 28 | 0 | 28 | 125 | 0 | 125 | .... | .... | .... | .... | .... | .... | 153 | 0 | 153 | 303 | |
| 4 | 9 | .... | 13 | 68 | 39 | 107 | 55 | 6 | 61 | .... | .... | .... | .... | .... | .... | 123 | 45 | 168 | 304 | |
| 0 | 26 | 0 | 26 | 0 | 0 | 0 | 271 | 0 | 271 | 38 | 0 | 38 | 0 | 0 | 0 | 309 | 0 | 309 | 305 | |
| 4 | 11 | 0 | 15 | 63 | 1 | 64 | 125 | 1 | 126 | 11 | 0 | 11 | 0 | 0 | 0 | 199 | 2 | 201 | 306 | |
| 3 | 5 | 1 | 9 | 36 | 14 | 50 | 50 | 12 | 62 | 0 | 3 | 3 | 0 | 0 | 0 | 86 | 29 | 115 | 307 | |
| 6 | 6 | 1 | 13 | .... | .... | 238 | .... | .... | 250 | .... | .... | .... | .... | .... | 100 | .... | .... | 588 | 308 | |
| 0 | 15 | 0 | 15 | 0 | 0 | 0 | 85 | 0 | 85 | 4 | 0 | 4 | 0 | 0 | 0 | 89 | 0 | 89 | 309 | |
| 2 | 10 | 0 | 12 | 29 | 0 | 29 | 107 | 0 | 107 | 0 | 0 | 0 | 0 | 0 | 0 | 136 | 0 | 136 | 310 | |
| 13 | 9 | .... | 22 | 77 | 151 | 228 | 68 | 6 | 74 | .... | .... | .... | .... | .... | .... | 145 | 157 | 302 | 311 | |
| .... | .... | .... | 10 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |  |
| 11 | 8 | .... | 19 | 93 | 26 | 119 | 119 | 26 | 145 | 22 | 0 | 22 | .... | .... | .... | 50 | 0 | 50 | 312 | |
| .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 234 | 52 | 286 | 313 | |
| 2 | 5 | .... | 7 | 41 | 1 | 42 | 36 | 9 | 45 | 0 | 0 | 0 | 19 | 1 | 20 | 96 | 11 | 107 | 314 | |
| .... | .... | .... | 10 | 37 | 14 | 51 | 78 | 38 | 116 | .... | .... | .... | .... | .... | .... | 89 | .... | 256 | 315 | |
| 9 | 8 | 2 | 19 | 163 | 0 | 163 | 104 | 0 | 104 | .... | .... | .... | 11 | 0 | 11 | 278 | 0 | 278 | 316 | |
| 9 | 3 | .... | 12 | 200 | 240 | 440 | 81 | 0 | 81 | 0 | 0 | 0 | .... | .... | .... | 281 | 240 | 521 | 317 | |
| 0 | 48 | 15 | 63 | 0 | 0 | 0 | 355 | 15 | 370 | 31 | 0 | 31 | 33 | 4 | 37 | 419 | 19 | 438 | 318 | |
| 5 | 13 | .... | 18 | 70 | 0 | 70 | 80 | 0 | 80 | .... | .... | .... | .... | .... | .... | 150 | 0 | 150 | 319 | |

TABLE 7.—Statistics of colleges of liberal

| | Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. |
|-----|-------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------|------------------|------------------------|-------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | PENNSYLVANIA—continued. | | | | | |
| 320 | Swarthmore | Swarthmore College .. | Edward H. Magill, LL. D. . . | 1864 | 1869 | Friends... |
| 321 | Villanova | Villanova College | Rev. Francis M. Sheeran, S. T. B., O. S. A. | 1848 | 1842 | R. C |
| 322 | Washington | Washington and Jeff- erson College. | Rev. James D. Moffat, D. D. | 1802 | 1802 | Presb. |
| | RHODE ISLAND. | | | | | |
| 323 | Providence | Brown University | Rev. Elisha Benjamin An- drews, D. D., LL. D. | 1765 | 1765 | Non-sect.. |
| | SOUTH CAROLINA. | | | | | |
| 324 | Charleston | College of Charleston. | H. E. Shepherd, A. M., LL. D. | 1785 | 1785 | Non-sect.. |
| 325 | Clinton | Presbyterian College of South Carolina. | J. W. Kennedy, A. M. .... | ..... | 1879 | Presb. |
| 326 | Columbia | Allen University | Joseph W. Morris, A. M., LL. B. | 1880 | 1881 | M. E. |
| 327 | ...do | University of South Carolina. | John M. McBryde, LL. D. . . | 1801 | 1805 | Non-sect.. |
| 328 | Due West | Erskine College | Rev. W. M. Grier, D. D. | 1842 | 1839 | As. Ref. Presb. |
| 329 | Greenville | Furman University... | Charles Manly, D. D. | 1850 | 1851 | Baptist.. |
| 330 | Newberry | Newberry College | Rev. G. W. Holland, PH. D., D. D. | 1856 | 1858 | Lutheran. |
| 331 | Spartanburgh | Wofford College | James H. Carlisle, A. M., LL. D. | 1852 | 1854 | M. E. So .. |
| | TENNESSEE. | | | | | |
| 332 | Athens | Grant Memorial Uni- versity. | John F. Spence, S. T. D. | 1867 | 1867 | M. E. |
| 333 | Bristol | King College | Rev. J. Albert Wallace, D. D. | 1869 | 1869 | Presb. |
| 334 | Chattanooga | Chattanooga Univer- sity. | Rev. Edward S. Lewis, D. D. | 1836 | 1886 | M. E. |
| 335 | Hiwassee | Hiwassee College | Rev. J. H. Brunner, A. M., D. D. | 1850 | 1849 | M. E. So.. |
| 336 | Jackson | Southwestern Baptist University. | George W. Jarman, LL. D. . . | 1874 | 1875 | Baptist.. |
| 337 | Knoxville | University of Tennes- see; Tennessee Ag- ricultural and Me- chanical College. | Charles W. Dabney, jr., PH. D., LL. D. | 1794 | 1795 | Non-sect.. |
| 338 | Lebanon | Cumberland Univer- sity. | N. Green, LL. D., chan- cellor. | 1842 | 1842 | C u m b. Presb. |
| 339 | McKenzie | Bethel College | Rev. J. L. Dickens, PH. D. . . | 1850 | 1847 | C u m b. Presb. |
| 340 | Maryville | Maryville College | Rev. Dr. Samuel W. Board- man. | 1842 | 1819 | Presb. |
| 341 | Memphis | Christian Brothers' College. | Brother Maurelian | 1872 | 1871 | R. C |
| 342 | Milligan | Milligan College | J. Hopwood, A. M. | 1882 | ..... | Christian. |
| 343 | Mossy Creek | Carson and Newman College. | Rev. W. A. Montgomery, D. D. | 1853 | 1849 | Baptist.. |
| 344 | Nashville | Central Tennessee College. | Rev. John Braden, D. D. | 1866 | 1866 | M. E. |
| 345 | ...do | Fisk University | Rev. Erastus Milo Cravath, D. D. | 1867 | 1866 | Cong |
| 346 | ...do | Roger Williams Uni- versity. | Alfred Owen, D. D. | 1883 | 1864 | Baptist.. |
| 347 | ...do | Vanderbilt University | L. C. Garland, LL. D., chan- cellor. | 1873 | 1875 | M. E. So .. |
| 348 | Sewanee | University of the South. | Rev. Telfair H. dgonson, D. D. | 1858 | 1868 | P. E |

* Statistics of 1887-88.

arts for 1888-89.—PART I—Continued.

| Professors and instructors. | | | | Students. | | | | | | | | | | | | | | | | |
|-----------------------------------|----------------------------------|------------------------------|---------------|-----------------------------------|---------|--------|----------------------------------|---------|--------|-------------------------------|---------|--------|------------------------------|---------|--------|---------------|---------|--------|-----|--|
| Number in preparatory department. | Number in collegiate department. | Number in other departments. | Total number. | Number in preparatory department. | | | Number in collegiate department. | | | Number of resident graduates. | | | Number in other departments. | | | Total number. | | | | |
| | | | | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | | |
| 0 | 11 | 0 | 22 | 64 | 18 | 82 | 85 | 80 | 165 | 0 | 0 | 0 | 0 | 0 | 0 | 149 | 98 | 247 | 320 | |
| | | | 11 | 0 | 0 | 0 | 47 | 0 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 47 | 321 | |
| | | | 11 | 87 | 0 | 87 | 176 | 0 | 176 | 0 | 0 | 0 | 0 | 0 | 0 | 263 | 0 | 263 | 322 | |
| 0 | 22 | | 22 | 0 | 0 | 0 | 268 | 0 | 268 | | | | | | | 268 | 0 | 268 | 323 | |
| | | | | 5 | | | 26 | 0 | 26 | | | | | | | 26 | 0 | 26 | 324 | |
| | | | | 5 | 28 | 30 | 58 | 31 | 10 | 41 | | | | | | 59 | 40 | 99 | 325 | |
| 4 | 4 | | 8 | 6 | 0 | 6 | 6 | 0 | 6 | | | | | | | 101 | 140 | 241 | 326 | |
| | 27 | | 27 | | | | 175 | 0 | 175 | 14 | 0 | 14 | | | | 189 | 0 | 189 | 327 | |
| 1 | 5 | 0 | 6 | 20 | 0 | 20 | 62 | 0 | 62 | | | | | | | 82 | 0 | 82 | 328 | |
| 2 | 5 | | 7 | 46 | 0 | 46 | 87 | 0 | 87 | | | | | | | 133 | 0 | 133 | 329 | |
| 2 | 6 | | 8 | 54 | 0 | 54 | 39 | 0 | 39 | 0 | 0 | 0 | 10 | 0 | 10 | 103 | 0 | 103 | 330 | |
| 4 | 7 | | 11 | 99 | 0 | 99 | 89 | 0 | 89 | | | | | | | 188 | 0 | 188 | 331 | |
| | | | 19 | | | 208 | | | 73 | | | | | | | 191 | 90 | 281 | 332 | |
| | 4 | | 4 | 32 | 0 | 32 | 33 | 0 | 33 | | | | | | | 65 | 0 | 65 | 333 | |
| | | | 9 | | | 80 | | | 25 | | | | | | 42 | 63 | 79 | 147 | 334 | |
| 0 | 4 | 0 | 4 | | | | 95 | 0 | 95 | | | | | | | 95 | 0 | 95 | 335 | |
| | 6 | | 6 | 17 | 0 | 17 | 140 | 0 | 140 | | | | | | | 157 | 0 | 157 | 336 | |
| 0 | 20 | | 20 | 0 | 0 | 0 | 257 | 0 | 257 | 2 | 0 | 2 | | | | 259 | 0 | 259 | 337 | |
| 2 | 4 | | 6 | 110 | 0 | 110 | 109 | 0 | 109 | | | | | | | 223 | 0 | 223 | 338 | |
| | | | 6 | | | | | | | | | | | | | 172 | 134 | 306 | 339 | |
| | | | 13 | 130 | 74 | 204 | 52 | 34 | 86 | | 1 | 1 | | | | 182 | 109 | 291 | 340 | |
| 5 | 8 | 8 | 21 | 206 | 0 | 206 | 56 | 0 | 56 | | | | | | | 262 | 0 | 262 | 341 | |
| 4 | 6 | | 10 | 49 | 22 | 71 | 49 | 16 | 65 | 4 | 3 | 7 | | | | 102 | 41 | 143 | 342 | |
| 4 | 8 | 0 | 12 | 89 | 115 | 204 | 27 | 28 | 55 | 0 | 2 | 2 | 0 | 2 | 2 | 116 | 147 | 263 | 343 | |
| 4 | 4 | | 8 | 22 | 7 | 29 | 7 | 1 | 8 | | | | 139 | 256 | 395 | 168 | 264 | 432 | 344 | |
| 7 | 7 | | 21 | 39 | 8 | 47 | 45 | 5 | 50 | | | | | | | 231 | 268 | 499 | 345 | |
| | | | 10 | | | | 60 | 3 | 63 | | | | | | | 154 | 130 | 284 | 346 | |
| | | | 23 | | | | 152 | 0 | 152 | 15 | 0 | 15 | 51 | 0 | 51 | 218 | 0 | 218 | 347 | |
| 6 | 16 | | 22 | 156 | 0 | 156 | 144 | 0 | 144 | | | | | | | 300 | 0 | 300 | 348 | |

TABLE 7.—Statistics of colleges of liberal

| | Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. |
|-----|--------------------|-------------------------------------------------------|-------------------------------------------------|------------------|------------------------|-------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | TENNESSEE—cont'd. | | | | | |
| 349 | Tusculum | Greenville and Tusculum College. | Rev. Jere Moore, D. D..... | 1794 | 1794 | Presb |
| | TEXAS. | | | | | |
| 350 | Austin..... | University of Texas.. | Leslie Waggener, chairman of faculty. | 1881 | 1881 | Non-sect . |
| 351 | Fort Worth..... | Fort Worth University. | Rev. A. A. Johnson, A. M., D. D. | 1881 | 1881 | M. E..... |
| 352 | Galveston | St. Mary's University. | Rev. Th. W. Butler, S. J.... | 1856 | 1854 | R. C. |
| 353 | Georgetown | South-Western University. | Rev. John W. Heidt, D. D.. | 1875 | 1873 | M. E. So .. |
| 354 | Italy | Hope Institute | A. T. Seitz | 1886 | 1881 | Christian. |
| 355 | Marshall..... | Wiley University | George Whitaker, D. D | 1873 | 1873 | M. E..... |
| 356 | Salado | Salado College*..... | Cyrus Ulrich | 1860 | 1860 | Non-sect .. |
| 357 | Sherman..... | Austin College..... | Rev. S. M. Luckett, D. D .. | 1849 | 1851 | So-Presb.. |
| 358 | Tehuacana | Trinity University* .. | L. A. Johnson | 1870 | 1869 | Cumbind-Presb. |
| 359 | Waco..... | Baylor University | Rufus C. Burleson, D. D., LL. D. | 1845 | 1846 | Baptist... |
| | UTAH. | | | | | |
| 360 | Salt Lake City ... | University of Deseret. | John R. Park, M. D..... | 1850 | 1850 | Non-sect . |
| | VERMONT. | | | | | |
| 361 | Burlington | University of Vermont and State Agricultural College. | Matthew H. Buckham, D. D. | 1791 | 1800 | Non-sect . |
| 362 | Middlebury | Middlebury College .. | Ezra Brainerd, A. M..... | 1800 | 1801 | Non-sect . |
| | VIRGINIA. | | | | | |
| 363 | Ashland..... | Randolph-Macon College. | William Waugh Smith, A. M., LL. D. | 1830 | 1832 | M. E. So .. |
| 364 | Charlottesville... | University of Virginia. | William M. Thornton, chairman of the faculty. | 1819 | 1825 | Non-sect . |
| 365 | Emory..... | Emory and Henry College. | Richard W. Jones..... | 1837 | 1839 | M. E. So .. |
| 366 | Hampden Sidney. | Hampden Sidney College. | Richard McIlwaine, D. D... | 1783 | 1776 | Non-sect . |
| 367 | Lexington | Washington and Lee University. | Gen. G. W. C. Lee, LL. D... | 1782 | 1749 | Non-sect . |
| 368 | Richmond | Richmond College.... | H. H. Harris, M. A., LL. D... | 1840 | 1832 | Baptist... |
| 369 | Salem..... | Roanoke College..... | Julius D. Dreher, A. M., PH. D. | 1853 | 1853 | Luth |
| | WASHINGTON. | | | | | |
| 370 | Seattle..... | University of Washington. | Thomas M. Gatch, A. M., PH. D. | 1861 | 1862 | Non-sect . |
| 371 | Walla Walla..... | Whitman College..... | A. J. Anderson, A. M., PH. D. | 1883 | 1882 | Cong |
| | WEST VIRGINIA. | | | | | |
| 372 | Bethany..... | Bethany College | W. H. Woolery..... | 1840 | 1841 | Christian. |
| 373 | Flemington..... | West Virginia College. | Thomas E. Peden | 1868 | 1868 | F. W. Baptist. |
| 374 | Morgantown..... | West Virginia University. | Eli Marsh Turner, LL. D... | 1867 | 1867 | Non-sect . |
| | WISCONSIN. | | | | | |
| 375 | Appleton..... | Lawrence University. | Rev. Bradford P. Raymond, PH. D., D. D., LL. D. | 1849 | 1849 | M. E..... |

*Statistics of 1887-88.

arts for 1888-89.—PART I—Continued.

| Professors and instructors. | | | | Students. | | | | | | | | | | | | | | |
|-----------------------------------|----------------------------------|------------------------------|---------------|-----------------------------------|---------|--------|----------------------------------|---------|--------|-------------------------------|---------|--------|------------------------------|---------|--------|---------------|---------|--------|
| Number in preparatory department. | Number in collegiate department. | Number in other departments. | Total number. | Number in preparatory department. | | | Number in collegiate department. | | | Number of resident graduates. | | | Number in other departments. | | | Total number. | | |
| | | | | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| .... | 4 | 1 | 5 | 75 | 29 | 104 | 24 | 10 | 34 | 0 | 0 | 0 | 0 | 7 | 7 | 99 | 46 | 145 |
| 0 | 13 | 0 | 13 | ..... | ..... | ..... | 147 | 40 | 187 | ..... | ..... | ..... | ..... | ..... | ..... | 147 | 40 | 187 |
| 3 | 4 | 3 | 10 | 47 | 30 | 77 | 17 | 20 | 37 | 3 | 2 | 5 | 30 | 50 | 80 | 115 | 125 | 240 |
| 2 | 4 | ..... | 6 | 75 | 0 | 75 | 100 | 0 | 100 | ..... | ..... | ..... | ..... | ..... | ..... | 175 | 0 | 175 |
| 4 | 8 | 3 | 15 | 102 | 55 | 157 | 168 | 70 | 238 | 0 | 0 | 0 | 0 | 13 | 13 | 270 | 138 | 408 |
| 1 | 3 | 1 | 5 | 25 | 27 | 52 | 47 | 40 | 87 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 67 | 139 |
| ..... | ..... | ..... | 13 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 107 | 123 | 230 |
| 1 | 2 | ..... | 3 | 45 | 32 | 77 | 17 | 11 | 28 | 2 | 1 | 3 | ..... | ..... | ..... | 64 | 44 | 108 |
| 2 | 4 | ..... | 6 | 26 | 0 | 26 | 43 | 0 | 43 | ..... | ..... | ..... | ..... | ..... | ..... | 69 | 0 | 69 |
| ..... | ..... | ..... | 15 | 116 | 72 | 188 | 60 | 40 | 100 | ..... | ..... | ..... | ..... | ..... | ..... | 176 | 112 | 288 |
| ..... | ..... | ..... | 24 | 100 | 92 | 192 | 205 | 175 | 380 | ..... | ..... | ..... | ..... | ..... | ..... | 305 | 267 | 572 |
| ..... | ..... | ..... | 16 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 183 | 129 | 312 |
| 0 | 15 | 0 | 15 | 0 | 0 | 0 | 112 | 20 | 132 | 1 | 0 | 1 | ..... | ..... | ..... | 261 | 20 | 281 |
| 0 | 9 | 0 | 9 | 0 | 0 | 0 | 46 | 8 | 54 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 8 | 54 |
| 0 | 15 | 1 | 16 | 0 | 0 | 0 | 194 | 0 | 194 | 0 | 0 | 0 | ..... | ..... | ..... | 194 | 0 | 194 |
| ..... | ..... | ..... | 24 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 440 | 0 | 440 |
| ..... | ..... | ..... | 9 | 26 | 0 | 26 | 92 | 0 | 92 | 0 | 0 | 0 | 0 | 0 | 0 | 118 | 0 | 118 |
| 1 | 6 | 0 | 7 | ..... | ..... | ..... | 89 | 0 | 89 | 2 | 0 | 2 | ..... | ..... | ..... | 91 | 0 | 91 |
| ..... | 15 | ..... | 15 | 0 | 0 | 0 | 140 | 0 | 140 | ..... | ..... | ..... | ..... | ..... | ..... | 140 | 0 | 140 |
| 0 | 9 | 1 | 10 | 0 | 0 | 0 | 153 | 0 | 153 | 1 | 0 | 1 | ..... | ..... | ..... | 154 | 0 | 154 |
| 3 | 7 | ..... | 10 | 28 | 0 | 28 | 95 | 0 | 95 | ..... | ..... | ..... | 16 | 0 | 16 | 140 | 0 | 140 |
| 2 | 6 | ..... | 8 | 50 | 52 | 102 | 23 | 18 | 41 | ..... | ..... | ..... | 32 | 42 | 74 | 105 | 112 | 217 |
| ..... | ..... | ..... | 11 | 12 | 7 | 19 | 62 | 62 | 124 | ..... | ..... | ..... | 14 | 41 | 55 | 88 | 110 | 198 |
| ..... | 8 | 2 | 10 | ..... | ..... | ..... | 97 | 32 | 129 | 2 | 0 | 2 | ..... | ..... | ..... | 99 | 32 | 131 |
| ..... | ..... | ..... | 4 | 42 | 11 | 53 | 3 | 1 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | 45 | 12 | 57 |
| 6 | 11 | ..... | 17 | 79 | 0 | 79 | 102 | 0 | 102 | ..... | ..... | ..... | ..... | ..... | ..... | 181 | 0 | 181 |
| ..... | ..... | ..... | 11 | 45 | 22 | 67 | 43 | 24 | 72 | 0 | 2 | 2 | ..... | ..... | ..... | 190 | 94 | 284 |

a Includes students in all departments.

TABLE 7.—Statistics of colleges of liberal

| | Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. |
|-----|-------------------|----------------------------------------|-------------------------------------------------|------------------|------------------------|-------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | WISCONSIN—cont'd. | | | | | |
| 376 | Beloit..... | Beloit College | Rev. Edward D. Eaton, D. D., LL. D. | 1846 | 1847 | Cong |
| 377 | Galesville | Galesville University* | Rev. J. Erwin Smith, D. D. | 1854 | 1859 | Presb..... |
| 378 | Madison | University of Wis- consin. | Thomas Chrowder Cham- berlin, Ph. D., LL. D. | 1848 | 1849 | Non-sect . |
| 379 | Milton..... | Milton College..... | William C. Whitford, A. M., D. D. | 1867 | 1867 | 7th day Bapt. |
| 380 | Racine..... | Racine College. | Rt. Rev. W. E. McLaren... | 1852 | 1853 | P. E. |
| 381 | Ripon..... | Ripon College | Rev. Edward Huntington | 1855 | 1854 | Cong |
| 382 | St. Francis..... | Seminary of St. Fran- cis of Sales. | Very Rev. Joseph Rainer . | ..... | 1856 | R. C. |
| 383 | Watertown | North-Western Uni- versity. | Rev. A. F. Ernst..... | 1867 | 1865 | Lutheran. |
| | WYOMING. | | | | | |
| 384 | Laramie | University of Wyo- ming. | John W. Hoyt, LL. D..... | 1886 | 1887 | Non-sect . |

* Statistics of 1887-88.

TABLE 7.—Statistics of colleges of liberal arts for 1888-89—PART II.

| Name. | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
|--------------------------------------------|------------------------------------|---------------------------|------------------------|--------------------------|--------------------------|------------------------------------------|------------------------------|---------------------------|-------------------------------|--------------------------------|-----------------------------------|-----------------------------|-------------------------------|--------------------------------------------------------------|-----------------------------|---------------|---------------|
| | Number of years in college course. | Number of endowed profes- | Number of fellowships. | Number of State scholar- | Number of other scholar- | Annual charge to each pupil for tuition. | Amount of matriculation fee. | Amount of graduation fee. | Number of volumes in library. | Value of scientific apparatus. | Value of grounds and build- ings. | Amount of productive funds. | Income from productive funds. | Amount of State or munic- ipal aid received within the year. | Receipts from tuition fees. | Total income. | Benefactions. |
| ALABAMA. | | | | | | | | | | | | | | | | | |
| 1 Howard College | 4 | 0 | 0 | 0 | 27 | \$60 | \$5 | \$5 | 2,000 | \$2,000 | \$35,000 | 0 | 0 | 0 | \$4,950 | \$4,950 | \$33,200 |
| 2 Southern University | 4 | 0 | 0 | 0 | 0 | 50 | 5 | 5 | 14,000 | *800 | 80,000 | \$26,000 | 0 | 0 | 4,810 | 4,810 | 0 |
| 3 Spring Hill College | 6 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | 14,000 | *300,000 | *300,000 | 0 | 0 | 0 | *30,000 | *30,000 | 0 |
| 4 Selma University | 4 | 0 | 0 | 0 | 0 | 8 | 8 | 8 | 7,030 | 20,000 | 25,000 | 300,000 | \$24,000 | 0 | 1,145 | 3,145 | 0 |
| 5 University of Alabama | 4 | 0 | 0 | 0 | 0 | 410 | 410 | 3 | 7,030 | 20,000 | 250,000 | 300,000 | \$24,000 | 0 | 1,000 | 25,000 | 0 |
| ARKANSAS. | | | | | | | | | | | | | | | | | |
| 6 Arkansas College | 3 | 1 | 0 | 0 | 0 | 30-40 | 0 | 5 | 800 | 0 | 15,000 | 6,000 | 600 | 0 | 1,600 | 2,500 | 5,100 |
| 7 Crane Hill College | 4 | 0 | 0 | 0 | 0 | 30 | 30 | 5 | 1,000 | 50 | 8,000 | 0 | 0 | 0 | 1,000 | 5,600 | 4,000 |
| 8 Little Rock University | 3 | 0 | 0 | 0 | 0 | 14 | 14 | 5 | 1,000 | 40 | 20,000 | 0 | 0 | 0 | 1,000 | 5,600 | 4,000 |
| 9 Philander Smith College | 4 | 0 | 0 | 0 | 0 | 9 | 9 | 5 | 1,000 | 40 | 20,000 | 0 | 0 | 0 | 1,000 | 5,600 | 4,000 |
| CALIFORNIA. | | | | | | | | | | | | | | | | | |
| 10 College of St. Augustine | 4 | 1 | 0 | 0 | 0 | 75-100 | 0 | 5 | 2,700 | 50 | 50,000 | 1,919,500 | 115,170 | \$97,000 | 11,348 | 11,348 | 0 |
| 11 University of California | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 39,112 | 150,000 | 1,050,000 | 1,919,500 | 115,170 | \$97,000 | 212,170 | 212,170 | 0 |
| 12 Pierce Christian College | 4 | 0 | 0 | 0 | 0 | 50 | 50 | 0 | 500 | 800 | 12,000 | 12,000 | 720 | 0 | 3,500 | 4,220 | 720 |
| 13 University of the Pacific | 4 | 1 | 0 | 5 | 5 | 30 | 5 | 10 | 8,000 | 10,000 | 150,000 | 60,000 | 3,500 | 0 | 15,000 | 15,000 | 0 |
| 14 St. Vincent's College | 6 | 0 | 0 | 0 | 0 | 50 | 50 | 10 | 3,000 | 500 | 100,000 | 100,000 | 100,000 | 0 | 100,000 | 100,000 | 0 |
| 15 University of Southern California | 4 | 0 | 0 | 0 | 0 | 45 | 45 | 5 | 800 | 10,000 | 200,000 | 200,000 | 10,000 | 0 | 200,000 | 20,000 | 1,325 |
| 16 Napa College | 4 | 0 | 0 | 0 | 0 | 50 | 50 | 5 | 800 | 1,290 | 50,000 | 1,290 | 1,290 | 0 | 20,000 | 20,000 | 1,325 |
| 17 California College | 4 | 1 | 0 | 0 | 2 | 60 | 60 | 10 | 2,000 | 200 | 200,000 | 200,000 | 200 | 0 | 200,000 | 20,000 | 1,325 |
| 18 St. Ignatius College | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 12,000 | 20,000 | 200,000 | 200,000 | 200 | 0 | 200,000 | 20,000 | 1,325 |
| 19 Santa Clara College | 5 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | 12,000 | 30,000 | 200,000 | 200,000 | 200 | 0 | 200,000 | 20,000 | 1,325 |
| 20 Pacific Methodist College | 4 | 0 | 0 | 0 | 0 | 50-60 | 50 | 10 | 12,000 | 30,000 | 200,000 | 200,000 | 200 | 0 | 200,000 | 20,000 | 1,325 |
| 21 San Joaquin Valley College | 4 | 0 | 0 | 0 | 0 | 42-60 | 42 | 10 | 1,200 | 500 | 15,000 | 15,000 | 3,400 | 0 | 2,940 | 2,940 | 10,750 |
| 22 Hesperian College | 4 | 0 | 0 | 0 | 0 | 50 | 50 | 10 | 1,000 | 300 | 50,000 | 22,000 | 1,800 | 0 | 2,000 | 4,800 | 1,800 |

| | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------------------|-----|-----|-----|-----|-------|---------|--------|-----------|---------|--------|--------|--------|--------|---------|
| COLORADO. | | | | | | | | | | | | | | | |
| 23 | University of Colorado | 4 | 0 | 0 | 0 | 0 | 10,500 | 16,000 | 80,000 | 50,000 | 7,850 | 32,187 | 343 | 40,580 | 200 |
| 24 | Colorado College | 4 | 0 | 4 | 0 | 0 | 7,500 | 3,700 | 350,000 | 25,000 | 1,900 | --- | 3,750 | 13,500 | 32,000 |
| 25 | Presbyterian College of the South-west. | 4 | --- | --- | --- | 36 | 500 | 1,500 | 25,000 | --- | --- | --- | --- | --- | 500 |
| 26 | University of Denver | 4 | 0 | 0 | 0 | 100 | 1,500 | 5,000 | 553,023 | 142,000 | 19,235 | 0 | 22,021 | 41,856 | 100,000 |
| CONNECTICUT. | | | | | | | | | | | | | | | |
| 27 | Trinity College | 3 | 4 | 5 | --- | 47 | 30,000 | --- | 1,000,000 | 518,000 | 23,000 | --- | 17,000 | 40,000 | --- |
| 28 | Wesleyan University | 4 | 10 | 0 | --- | 50 | 38,000 | 61,480 | 400,000 | 698,556 | 36,768 | --- | --- | 50,207 | 26,000 |
| 29 | Yale University | 4 | --- | 3 | --- | 125 | 140,000 | --- | --- | --- | --- | --- | --- | --- | --- |
| DAKOTA. | | | | | | | | | | | | | | | |
| 30 | Pierre University | 4 | 0 | 0 | 25 | 2 | 1,700 | 225 | 40,000 | --- | --- | 550 | 250 | 800 | 2,500 |
| 31 | Fargo College | 4 | 0 | 0 | 0 | --- | 400 | --- | 70,000 | 6,000 | --- | 0 | 500 | 500 | 25,000 |
| 32 | University of North Dakota | 4 | --- | --- | --- | --- | 2,400 | 3,000 | 100,000 | --- | --- | --- | --- | --- | --- |
| 33 | Dakota University | 4 | 4 | 0 | 5 | 0 | --- | 130 | 50,000 | --- | --- | 800 | 800 | 2,500 | 900 |
| 34 | University of Dakota | 4 | 4 | 0 | 0 | 0 | 2,000 | 4,000 | 130,000 | --- | --- | 40,000 | --- | 41,000 | --- |
| 35 | Yankton College | 4 | --- | --- | --- | --- | 3,527 | 15,000 | 40,000 | 20,000 | 320 | 0 | 3,158 | 9,420 | 9,420 |
| DISTRICT OF COLUMBIA. | | | | | | | | | | | | | | | |
| 36 | Columbian University | 4 | 0 | --- | --- | 8 | 7,000 | --- | 500,000 | 250,000 | 11,456 | 29,584 | --- | 41,040 | --- |
| 37 | Georgetown College | 4 | 1 | 0 | 22 | 50 | 55,000 | --- | --- | --- | 0 | 0 | --- | --- | 20,000 |
| 38 | Gonzaga College | 7 | --- | --- | --- | 4 | 10 | 2,000 | --- | --- | --- | --- | --- | --- | --- |
| 39 | Howard University | 4 | --- | --- | 0 | 0 | 12,311 | 1,000 | 500,000 | 180,000 | 13,500 | 24,500 | --- | 48,200 | 500 |
| 40 | National Deaf-Mute College | 4 | 0 | 0 | 0 | 0 | 3,000 | 2,500 | --- | --- | --- | --- | --- | --- | --- |
| FLORIDA. | | | | | | | | | | | | | | | |
| 41 | John B. Stetson University | 4 | 1 | 0 | 0 | 0 | 3,000 | 800 | 30,000 | 20,000 | 1,600 | 0 | 1,581 | 12,932 | 9,545 |
| 42 | Florida Conference College | 4 | 6 | --- | --- | 5-36 | --- | --- | 14,000 | --- | --- | 800 | 500 | 1,388 | 1,200 |
| 43 | St. John's River Conference College | --- | --- | --- | --- | 30 | 1 | 5 | 26,000 | --- | --- | --- | --- | --- | 2,500 |
| 44 | Rollins College | 4 | --- | --- | --- | 24-49 | --- | 850 | 39,056 | --- | --- | --- | 1,372 | 6,440 | 5,068 |
| GEORGIA. | | | | | | | | | | | | | | | |
| 45 | University of Georgia | --- | 1 | --- | --- | 0 | 16,000 | 75,000 | 168,000 | 445,000 | 30,000 | --- | 0 | 30,000 | --- |
| 46 | Atlanta University | 4 | 0 | 0 | 0 | --- | 7,000 | 5,000 | 160,000 | 29,870 | 1,771 | --- | 2,228 | 19,326 | 11,403 |
| 47 | Clark University | 4 | --- | --- | --- | 8-16 | 1,500 | 5 | 250,000 | --- | --- | --- | 2,500 | 13,000 | --- |
| 48 | Bowdon College | 4 | 0 | 0 | 0 | 0 | 1,000 | 500 | 5,000 | 0 | 0 | 0 | 425 | 425 | --- |
| 49 | Morcor University | 4 | 0 | 0 | 0 | 11-16 | 15,000 | 4,000 | 120,000 | 180,000 | 13,000 | 0 | 3,000 | 18,000 | 7,000 |
| 50 | Emory College | 4 | 3 | 0 | 0 | 50-60 | 6,000 | 5,000 | 100,000 | 95,000 | 4,500 | 0 | 8,300 | 12,800 | 29,000 |

* Statistics of 1887-88.
 b Also tuition to two day scholars from Gonzaga College, and to two scholars from each Catholic parish in Washington.
 c Free to residents of the State.

TABLE 7.—Statistics of colleges of liberal arts for 1888-89.—PART II—Continued.

| Name. | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
|---------------------------------------|------------------------------------|-------------------------------|------------------------|-------------------------------|-------------------------------|------------------------------------------|------------------------------|---------------------------|-------------------------------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|------------------------------------------------------------|-----------------------------|---------------|---------------|
| | Number of years in college course. | Number of endowed professors. | Number of fellowships. | Number of State scholarships. | Number of other scholarships. | Annual charge to each pupil for tuition. | Amount of matriculation fee. | Amount of graduation fee. | Number of volumes in library. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Amount of State or municipal aid received within the year. | Receipts from tuition fees. | Total income. | Benefactions. |
| ILLINOIS. | | | | | | | | | | | | | | | | | |
| 51 Hedding College..... | 4 | 0 | 0 | 0 | 0 | \$36 | | \$5 | 1,500 | \$2,800 | \$60,000 | \$5,000 | | 0 | \$1,800 | \$3,000 | |
| 52 Illinois Wesleyan University..... | 4 | a2 | | | | 30 | | | 3,000 | | 124,000 | 70,257 | \$4,500 | | 14,443 | 18,943 | \$2,000 |
| 53 St. Viator's College..... | 7 | | | | | | | | | | | | | | | | |
| 54 Carthage College..... | 4 | | | | | 32 | | 5 | 5,000 | 500 | 36,000 | 18,000 | 1,200 | 0 | 2,000 | 4,000 | 500 |
| 55 St. Ignatius College..... | 4 | 0 | 0 | 0 | 0 | 40 | \$5 | 10 | 15,000 | 150 | 85,000 | | | | 4,900 | 16,757 | 11,827 |
| 56 Evangelical Proseminary..... | 4 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 6,000 | 3,000 | 65,000 | 60,000 | 3,400 | 0 | 6,900 | 9,900 | 16,000 |
| 57 Eureka College..... | 4 | 1 | 0 | 0 | 0 | 39 | 0 | 0 | 4,000 | 34,000 | 523,000 | 1,168,400 | | | 64,777 | 64,777 | |
| 58 Northwestern University..... | 4 | 5 | 0 | 0 | 368 | 69 | | | 30,370 | | | 5,000 | 250 | | 1,800 | 2,050 | 0 |
| 59 Ewing College..... | 4 | 0 | 0 | 0 | 4 | 30 | 10 | 5 | 1,000 | 100 | 8,000 | 8,000 | | | | | |
| 60 Northern Illinois College..... | 4 | 0 | 0 | 0 | 0 | 32 | 8 | 2 | 1,000 | 500 | 110,000 | 9,000 | 540 | 0 | 1,600 | 3,000 | 0 |
| 61 German-English College..... | 4 | 0 | 0 | 0 | 10 | 28 | | | 2,600 | 100 | 10,000 | 8,000 | 14,967 | | 11,176 | 26,515 | 50,000 |
| 62 Knox College..... | 4 | 1 | | | | 45 | | 5 | 7,000 | 5,200 | 156,700 | 204,181 | 8,000 | 0 | 989 | 9,834 | 1,000 |
| 63 Lombard University..... | 4 | 3 | | | 16 | 33 | | 5 | 6,000 | 3,000 | 40,000 | 116,000 | 9,000 | | 6,000 | 15,000 | 40,000 |
| 64 Illinois College..... | 4 | 8 | | | 9 | 45 | 0 | 5 | 14,000 | 5,000 | 125,000 | 180,000 | 12,000 | | 55,000 | 67,000 | 510,000 |
| 65 Lake Forest University..... | 4 | 0 | | | 12 | 47 | | 10 | 14,000 | | 425,000 | 803,000 | 25,000 | | 2,287 | 3,887 | |
| 66 McKendree College..... | 4 | 0 | 0 | 0 | 0 | 30 | | | 8,600 | 3,300 | 23,000 | 25,000 | 1,600 | 0 | 178 | 4,758 | 566 |
| 67 Lincoln University..... | 4 | 0 | 0 | 0 | | 15 | 10 | 5 | 2,000 | 700 | 30,000 | 31,725 | 2,879 | | 8,150 | 16,150 | |
| 68 Monmouth College..... | 4 | 1 | | | | 40 | 5 | | 3,000 | 1,000 | 56,000 | 103,000 | 8,000 | | 2,500 | 11,000 | |
| 69 Northwestern College..... | 4 | | | | | 12-18 | | 5 | 2,000 | 1,500 | 190,000 | 90,000 | 8,500 | | 3,000 | 5,000 | 500 |
| 70 Chaddock College..... | 4 | | | | | 30 | | 10 | 3,000 | 4,000 | 60,000 | | | | | | |
| 71 St. Francis Solanus College..... | 6 | | | | | 36 | 5 | 5 | 12,500 | 5,000 | 204,000 | 18,000 | 3,000 | 0 | 6,500 | 15,000 | 9,000 |
| 72 Augustana College..... | 4 | 0 | 0 | 0 | 0 | 20 | | | 5,000 | 200 | 50,000 | | | | | 22,000 | |
| 73 St. Joseph's Diocesan College..... | 5 | 0 | 0 | 0 | 0 | 30-50 | 5 | 10 | 3,000 | 2,000 | 53,500 | 79,620 | 5,508 | 0 | 4,586 | 10,154 | 4,283 |
| 74 Shurtleff College..... | 4 | 3 | | | 26 | 30-50 | | | 8,000 | 2,000 | 50,000 | 9,000 | 583 | 0 | 1,725 | 3,321 | 8,370 |
| 75 Westfield College..... | 4 | a1 | 0 | 0 | 0 | 15 | 0 | 5 | 2,741 | 700 | 24,000 | 9,000 | 2,170 | | 4,371 | 6,551 | 6,638 |
| 76 Wheaton College..... | 4 | a3 | | | | 30 | | 3 | 2,500 | 800 | 80,000 | 41,000 | | | | | |

INDIANA.

| | | | | | | | | | | | | | | | | | | |
|----|-------------------------------|---|---|----|----|----|----|---|-----|--------|---------|----------|-----------|--------|--------|--------|--------|--------|
| 77 | Indiana University..... | 4 | 0 | 0 | 80 | 50 | 0 | 0 | 5 | 10,000 | 4,000 | 200,000 | 340,000 | 16,337 | 23,000 | 4,875 | 45,018 | 0 |
| 78 | Wabash College..... | 4 | 3 | 14 | 38 | 40 | 72 | 0 | 5 | 28,500 | 40,000 | 175,000 | 240,000 | 11,300 | 0 | 5,323 | 16,635 | 0 |
| 79 | Concordia College..... | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 120 | 120 | 0 |
| 80 | Franklin College..... | 4 | 1 | 0 | 0 | 24 | 0 | 0 | 5 | 6,000 | 500 | 60,000 | 114,000 | 7,000 | 0 | 4,000 | 11,000 | 10,000 |
| 81 | De Pauw University..... | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,000 | 15,000 | 250,000 | 1,000,000 | 0 | 0 | 0 | 0 | 7,500 |
| 82 | Hauver College..... | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 5 | 1,300 | 300 | 20,000 | 12,000 | 700 | 0 | 700 | 1,500 | 5,000 |
| 83 | Hartsville College..... | 4 | 3 | 0 | 0 | 0 | 27 | 0 | 5 | 6,000 | 2,500 | 85,000 | 175,000 | 10,500 | 0 | 3,000 | 14,000 | 0 |
| 84 | Butler University..... | 4 | 0 | 0 | 0 | 0 | 24 | 0 | 3 | 1,600 | 1,100 | 75,000 | 96,000 | 4,000 | 0 | 1,830 | 6,720 | 0 |
| 85 | Union Christian College..... | 4 | 0 | 0 | 0 | 0 | 32 | 0 | 5 | 1,500 | 1,000 | 15,000 | 20,000 | 800 | 0 | 3,250 | 4,050 | 250 |
| 86 | Moore's Hill College..... | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 31,200 | *35,000 | *800,000 | 75,000 | 4,613 | 0 | 11,000 | 20,643 | 35,000 |
| 87 | University of Notre Dame..... | 4 | 0 | 0 | 0 | 0 | 65 | 0 | 10 | 6,000 | 3,500 | 150,000 | 15,000 | 1,000 | 0 | 0 | 1,400 | 100 |
| 88 | Earlham College..... | 4 | 0 | 0 | 0 | 0 | 8 | 0 | 4,5 | 8,000 | 0 | 25,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89 | Ridgeville College..... | 4 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 90 | St. Meinrad's College..... | 6 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

IOWA.

| | | | | | | | | | | | | | | | | | | |
|-----|---------------------------------|-----|---|----|----|-----|-------|----|---|--------|--------|---------|---------|--------|--------|--------|--------|--------|
| 91 | Coe College..... | 4 | 0 | 0 | 0 | 0 | 37 | 5 | 5 | 4,000 | 500 | 60,000 | 70,000 | 5,000 | 0 | 2,004 | 7,054 | 0 |
| 92 | Amity College..... | 4 | 0 | 0 | 0 | 0 | 6-8 | 0 | 5 | 2,000 | 500 | 40,000 | 40,000 | 3,000 | 0 | 2,500 | 5,500 | 9,500 |
| 93 | Griswold College..... | 4 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 10,000 | 0 | 200,000 | 80,000 | 6,000 | 0 | 0 | 43,500 | 53,400 |
| 94 | Luther College..... | 4 | 0 | 0 | 0 | 0 | 20 | 10 | 0 | 4,900 | 0 | 40,000 | 6,227 | 5,000 | 0 | 501 | 17,000 | 500 |
| 95 | Drake University..... | 4 | 2 | 0 | 0 | 0 | 36 | 0 | 5 | 2,000 | 3,000 | 70,000 | 80,000 | 5,000 | 0 | 12,000 | 17,000 | 500 |
| 96 | Des Moines College..... | 4 | 0 | 0 | 0 | 0 | 30 | 0 | 5 | 2,000 | 50 | 60,000 | 3,000 | 300 | 0 | 1,300 | 5,338 | 3,758 |
| 97 | Parsons College..... | 4 | 4 | 10 | 38 | 0 | 28 | 0 | 5 | 3,000 | 1,500 | 65,000 | 45,000 | 3,000 | 0 | 4,000 | 9,500 | 10,000 |
| 98 | Upper Iowa University..... | 4 | 2 | 0 | 0 | 0 | 31 | 0 | 5 | 13,637 | 2,500 | 150,000 | 170,000 | 12,000 | 0 | 8,500 | 22,000 | 14,000 |
| 99 | Iowa College..... | 4 | 0 | 0 | 0 | 0 | 30 | 2 | 5 | 1,651 | 2,000 | 30,000 | 10,194 | 750 | 0 | 2,500 | 3,250 | 350 |
| 100 | Lenox College..... | 5-6 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 2,000 | 2,000 | 60,000 | 30,000 | 2,400 | 0 | 4,400 | 6,800 | 15,000 |
| 101 | Simpson College..... | 4 | 2 | 0 | 0 | 0 | 25-50 | 0 | 0 | 17,584 | 50,000 | 300,000 | 226,893 | 14,934 | 54,000 | 22,386 | 91,380 | 0 |
| 102 | State University of Iowa..... | 4 | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 15,000 | 0 | 22,000 | 22,000 | 4,500 | 0 | 1,400 | 1,400 | 16,000 |
| 103 | German College..... | 4 | 5 | 0 | 0 | 0 | 36 | 0 | 5 | 2,000 | 1,800 | 80,000 | 65,000 | 4,000 | 0 | 4,200 | 10,200 | 16,000 |
| 104 | Iowa Wesleyan University..... | 4 | 4 | 0 | 0 | 100 | 11-12 | 6 | 5 | 8,500 | 1,500 | 156,000 | 65,000 | 4,000 | 0 | 20,000 | 30,000 | 14,000 |
| 105 | Cornell College..... | 4 | 4 | 0 | 0 | 0 | 30 | 0 | 4 | 4,000 | 4,000 | 35,000 | 11,000 | 500 | 0 | 2,200 | 5,000 | 5,000 |
| 106 | Oskaloosa College..... | 4 | 4 | 0 | 0 | 0 | 34 | 0 | 5 | 2,500 | 1,000 | 30,000 | 30,000 | 1,500 | 0 | 4,000 | 7,000 | 30,000 |
| 107 | Penn College..... | 4 | 4 | 0 | 0 | 0 | 34 | 0 | 5 | 1,500 | 0 | 10,000 | 20,000 | 1,500 | 0 | 700 | 3,000 | 500 |
| 108 | Central University of Iowa..... | 4 | 0 | 0 | 50 | 20 | 8-10 | 5 | 5 | 5,000 | 2,214 | 54,805 | 54,222 | 2,200 | 0 | 3,700 | 27,014 | 20,080 |
| 109 | Taber College..... | 4 | 1 | 0 | 0 | 0 | 24-30 | 28 | 5 | 3,000 | 1,000 | 75,000 | 65,000 | 2,500 | 0 | 6,011 | 8,989 | 9,550 |
| 110 | Western College..... | 4 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 1,500 | 1,400 | 17,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 | Waverly College..... | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

KANSAS.

| | | | | | | | | | | | | | | | | | | |
|-----|-----------------------------|---|---|---|---|---|-------|---|---|--------|---------|---------|---------|-------|--------|-------|--------|-------|
| 112 | Midland College..... | 4 | 0 | 0 | 0 | 0 | 30-40 | 0 | 5 | 7,200 | 500 | 50,000 | 0 | 0 | 0 | 2,000 | 2,000 | 0 |
| 113 | St. Benedict's College..... | 6 | 0 | 0 | 0 | 1 | 40 | 0 | 5 | 3,200 | 2,000 | 100,000 | 10,000 | 700 | 0 | 6,000 | 9,000 | 0 |
| 114 | Baker University..... | 4 | 1 | 0 | 0 | 0 | 29 | 0 | 5 | 4,000 | 500 | 98,000 | 25,000 | 1,750 | 0 | 1,200 | 8,500 | 7,000 |
| 115 | College of Emporia..... | 4 | 1 | 0 | 0 | 0 | 6-10 | 0 | 5 | 5,000 | 1,000 | 16,000 | 21,000 | 1,302 | 0 | 1,725 | 3,931 | 60 |
| 116 | Highland University..... | 4 | 1 | 0 | 0 | 0 | 25 | 0 | 0 | 1,000 | 1,500 | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| 117 | Campbell University..... | 4 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 10,222 | 125,000 | 300,000 | 170,000 | 8,000 | 75,000 | 0 | 83,000 | 0 |
| 118 | University of Kansas..... | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

* Statistics of 1887-88. a Partially. b Incidental fee.

TABLE 7.—Statistics of colleges of liberal arts for 1888-89.—PART II—Continued.

| Name. | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
|---------------------------------------------------------------------------|------------------------------------|-------------------------------|------------------------|---------------------------|---------------------------|------------------------------------------|------------------------------|---------------------------|-------------------------------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|------------------------------------------------------------|-----------------------------|---------------|---------------|
| | Number of years in college course. | Number of endowed professors. | Number of fellowships. | Number of State scholars. | Number of other scholars. | Annual charge to each pupil for tuition. | Amount of matriculation fee. | Amount of graduation fee. | Number of volumes in library. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Amount of State or municipal aid received within the year. | Receipts from tuition fees. | Total income. | Benefactions. |
| KANSAS—continued. | | | | | | | | | | | | | | | | | |
| 119 Lane University..... | 4 | 0 | 0 | 0 | 0 | \$24 | 0 | \$5 | 1,000 | ..... | \$70,000 | \$15,000 | \$900 | ..... | \$2,500 | \$4,000 | \$15,000 |
| 120 Bethany College..... | 4 | 0 | 0 | 0 | 0 | 30 | \$1-3 | 5 | 3,261 | 500 | 120,000 | 0 | 0 | 0 | 5,650 | 6,110 | 35,000 |
| 121 Ottawa University..... | 4 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 1,100 | 300 | 30,000 | 50,000 | 4,000 | 0 | 2,203 | 7,500 | 2,700 |
| 122 St. Mary's College..... | 4 | 0 | 0 | 0 | 0 | 30 | 0 | 10 | 8,000 | 2,000 | 66,000 | 0 | 0 | 0 | 7,100 | 7,100 | 0 |
| 123 Kansas Wesleyan University..... | 4 | 0 | 0 | 0 | 0 | 30 | 10 | 5 | 1,500 | 150 | 50,000 | 35,000 | 3,500 | 0 | 3,000 | 6,500 | ..... |
| 124 Cooper Memorial College..... | 3, 4 | 0 | 0 | 0 | 0 | 30 | ..... | ..... | 1,400 | ..... | 40,000 | 7,500 | 200 | 0 | 550 | 1,000 | 4,000 |
| 125 Washburn College..... | 4 | 4 | 0 | 0 | 0 | 20 | 0 | 5 | 6,000 | 5,000 | 310,000 | 100,000 | 7,000 | 0 | 5,000 | 12,000 | 21,000 |
| 126 Garfield University..... | 4 | ..... | ..... | ..... | ..... | 40 | ..... | ..... | 1,000 | 2,500 | 400,000 | ..... | ..... | ..... | 3,727 | 3,727 | ..... |
| KENTUCKY. | | | | | | | | | | | | | | | | | |
| 127 Berea College..... | 4 | 0 | 0 | 0 | 73 | 6-9 | 0 | 0 | 4,000 | 600 | 110,000 | 100,000 | 5,803 | 0 | 1,315 | 7,181 | 10,000 |
| 128 Ogden College..... | 4 | 1 | 0 | 0 | 0 | 30 | 10 | 5 | 1,500 | 250 | 50,000 | 125,000 | 7,500 | 0 | 900 | 8,400 | 0 |
| 129 Centre College..... | 4 | 0 | 0 | 0 | 25 | 40 | 5 | 5 | 5,830 | 2,000 | 70,000 | 246,839 | 11,500 | 0 | 3,893 | 15,393 | 53,773 |
| 130 Eminence College..... | 4 | 0 | 0 | 0 | 0 | 40 | 2 | 10 | 2,000 | 2,000 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 131 Kentucky Military Institute..... | 4 | 0 | 0 | 11 | ..... | 75 | ..... | 5 | 8,000 | 2,000 | 20,000 | 0 | 0 | 0 | ..... | ..... | 0 |
| 132 Georgetown College..... | 4 | 1 | 0 | 0 | 0 | 50 | ..... | ..... | ..... | ..... | 50,000 | 150,000 | ..... | 0 | ..... | ..... | 40,000 |
| 133 South Kentucky College..... | 4 | 0 | 0 | 0 | 0 | 40 | 23 | 5 | 300 | 300 | 30,000 | ..... | ..... | 0 | 5,000 | 6,000 | ..... |
| 134 Kentucky University..... | 5 | 0 | 0 | 0 | 0 | 20 | 10 | 5 | 13,624 | 3,000 | 123,250 | 207,508 | 14,767 | 0 | 1,967 | 17,052 | 0 |
| 135 Kentucky Wesleyan College..... | 4 | ..... | ..... | ..... | ..... | 30 | ..... | 10 | 2,000 | 2,000 | 22,000 | 32,000 | ..... | ..... | ..... | ..... | ..... |
| 136 Murray Male and Female Institute and West Kentucky Normal School..... | ..... | ..... | ..... | ..... | ..... | 15-40 | 0 | ..... | 100 | 50 | 16,000 | ..... | ..... | ..... | 1,400 | 2,500 | ..... |
| 137 Kentucky Classical and Business College..... | 4 | ..... | ..... | ..... | ..... | 35 | ..... | 10 | 300 | 50 | 10,000 | ..... | ..... | ..... | 2,000 | 2,500 | ..... |
| 138 Central University..... | 4 | 5 | ..... | 33 | ..... | 60 | 5 | 5 | 6,000 | 3,000 | 100,000 | 175,000 | 8,000 | ..... | 5,000 | 13,000 | 50,000 |
| 139 Bethel College..... | 3, 4 | 3 | ..... | 15 | ..... | 50 | 5 | 5 | 3,000 | 1,500 | 150,000 | 54,000 | 3,700 | ..... | 5,000 | 8,700 | ..... |
| 140 St. Mary's College..... | 5 | 0 | 0 | 0 | 0 | 40 | ..... | 10 | 3,000 | ..... | 50,000 | ..... | ..... | ..... | 3,000 | 3,000 | 0 |

LOUISIANA.

| | | | | | | | | | | | | | | | | |
|-----|---------------------------------------------------------------------|---|---|---|----|-------|---|--------|--------|---------|---------|--------|--------|-------|---------|-------|
| 141 | Louisiana State University and Agricultural and Mechanical College. | 4 | 0 | 0 | 10 | 0 | 0 | 18,832 | 10,000 | 300,000 | 318,313 | 14,556 | 10,000 | 0 | 239,556 | 0 |
| 142 | Jefferson College (St. Mary's) | | | | | 10 | | 10,000 | | | | | 0 | | | |
| 143 | St. Charles College. | 4 | 0 | 0 | 0 | 40-60 | 5 | 10 | 2,500 | 80,000 | 35,000 | 1,500 | 0 | 2,000 | 3,500 | 2,500 |
| 144 | Centenary College of Louisiana | 4 | 0 | 0 | 0 | 50 | 3 | 150 | 250 | 25,000 | 0 | 0 | 0 | 1,700 | 4,000 | 0 |
| 145 | Keochite College. | 4 | 0 | 0 | 0 | | | 19,000 | | | | | | | | |
| 146 | College of the Immaculate Conception.* | 4 | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|-----|---------------------------------|---|---|---|-----|----|---|--------|--------|---------|-----------|--------|-------|--------|--------|--------|
| 147 | Iceland University. | 4 | | | | 50 | | 1,000 | 1,000 | 150,000 | 100,000 | 6,000 | | 1,000 | 7,000 | |
| 148 | New Orleans University. | 4 | 0 | 0 | 0 | | | 4,000 | 3,000 | 75,000 | 0 | 0 | 0 | 0 | 7,500 | 0 |
| 149 | Southern University. | 4 | 0 | 0 | 0 | | 0 | 300 | 400 | 35,197 | 0 | 0 | 7,500 | 0 | 7,500 | 0 |
| 150 | Straight University. | 4 | 0 | | | 8 | | 2,000 | 1,000 | 75,000 | 2,500 | 150 | | 2,000 | 2,700 | 13,000 |
| 151 | Tulane University of Louisiana. | 4 | | | 118 | 80 | | 50,000 | 80,000 | 220,000 | 1,102,217 | 60,000 | 0 | 20,000 | 80,000 | |
| 152 | Thatcher Institute*. | 4 | | | | | | 250 | | 12,000 | | | | | | |

MAINE.

| | | | | | | | | | | | | | | | | |
|-----|-------------------|---|---|---|----|----|---|--------|---------|----------|---------|--------|---|--------|--------|--------|
| 153 | Bowdoin College. | 4 | 6 | 0 | 55 | 75 | | 43,000 | *50,000 | *250,000 | 420,000 | 19,101 | 0 | 20,979 | 40,080 | 21,000 |
| 154 | Bates College. | 4 | | | 35 | 36 | | 11,126 | 10,000 | 150,000 | 200,000 | 14,000 | | 4,400 | 18,400 | 60,000 |
| 155 | Colby University. | 4 | 2 | 0 | 70 | 45 | 5 | 25,000 | | 250,000 | 565,767 | 23,066 | 0 | 4,724 | 30,366 | 15,000 |

MARYLAND.

| | | | | | | | | | | | | | | | | |
|-----|-------------------------------------------------|---|---|----|----|-----|----|--------|----------|---------|-----------|--------|--------|--------|---------|---------|
| 156 | St. John's College. | 4 | 0 | 0 | 26 | 15 | 75 | 6,000 | 2,000 | 100,000 | 0 | 0 | 64,100 | 7,500 | 12,000 | 0 |
| 157 | Johns Hopkins University. | 3 | 2 | 20 | 67 | 125 | 5 | 35,000 | d167,104 | 682,000 | 3,000,000 | 74,902 | 0 | 38,800 | 113,702 | 100,000 |
| 158 | Loyola College. | 7 | | | 6 | 75 | | 1,500 | 7,000 | 40,000 | 6,000 | 300 | 0 | 4,000 | 4,500 | 1,300 |
| 159 | Rock Hill College. | 4 | | | | 60 | | 4,500 | 1,000 | 41,920 | | | 0 | 6,000 | 6,000 | 0 |
| 160 | St. Charles's College. | 4 | | | | | | 10,130 | | | | | 0 | | | 660 |
| 161 | Mount St. Mary's College. | 4 | 0 | 0 | 0 | | | 10,000 | 8,000 | 150,000 | 0 | 0 | 0 | 45,000 | 45,000 | |
| 162 | New Windsor College and Windsor Female College. | 4 | | | | 45 | 4 | | | 60,000 | | | | | | |
| 163 | Western Maryland College. | 4 | | | 26 | 13 | 45 | 3,500 | 1,000 | 60,000 | | | 6,500 | | 6,500 | 8,000 |

MASSACHUSETTS.

| | | | | | | | | | | | | | | | | |
|-----|----------------------------|---|----|----|-----|-----|-----|---------|---------|-----------|-----------|---------|---|---------|---------|---------|
| 164 | Amherst College. | 4 | 8 | 1 | 3 | 100 | 110 | 51,000 | 100,000 | 400,000 | 1,000,000 | *46,804 | 0 | *31,978 | *78,752 | |
| 165 | Boston College. | 7 | 0 | 0 | 0 | 60 | 0 | 12,000 | 5,000 | 400,000 | 0 | 0 | 0 | 10,000 | 10,000 | 1,000 |
| 166 | Boston University. | 4 | 1 | 2 | 107 | 100 | | 6,000 | | 338,000 | 708,988 | 95,916 | | 31,607 | 127,523 | 90,337 |
| 167 | Harvard University. | 4 | 13 | 17 | 120 | 150 | | 259,506 | 750,000 | 3,000,000 | 6,705,046 | 332,102 | | 282,433 | 722,410 | 298,837 |
| 168 | Tufts College. | 4 | 3 | 0 | 29 | 100 | | 26,000 | 50,000 | 500,000 | 773,552 | 39,527 | | 7,020 | 46,547 | 5,000 |
| 169 | Williams College. | 4 | 17 | | 3 | 60 | 105 | 26,300 | 10,000 | 400,000 | 720,000 | 40,000 | 0 | 28,000 | 70,000 | 150,000 |
| 170 | College of the Holy Cross. | 4 | 0 | 0 | 1 | 60 | 0 | 15,000 | | | | | | | | 1,000 |

MICHIGAN.

| | | | | | | | | | | | | | | | | |
|-----|-----------------|---|---|--|--|----|----|-------|-------|---------|---------|--------|--|--------|--------|--|
| 171 | Adrian College. | | 1 | | | | 28 | 5,000 | | 150,000 | 80,000 | 15,000 | | 10,500 | 25,500 | |
| 172 | Albion College. | 4 | 5 | | | 15 | 5 | 6,553 | 8,000 | 100,000 | 200,000 | | | | | |

*Statistics of 1887-88.

a Includes \$15,000 for agricultural experiment station.

d Includes value of library, \$73,851.

b The State also appropriated \$5,200 for free board.

TABLE 7.—Statistics of colleges of liberal arts for 1888-89.—PART II—Continued.

| Name. | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
|-------------------------------------|------------------------------------|-------------------------------|------------------------|-------------------------------|-------------------------------|------------------------------------------|------------------------------|---------------------------|-------------------------------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|------------------------------------------------------------|-----------------------------|---------------|---------------|
| | Number of years in college course. | Number of endowed professors. | Number of fellowships. | Number of State scholarships. | Number of other scholarships. | Annual charge to each pupil for tuition. | Amount of matriculation fee. | Amount of graduation fee. | Number of volumes in library. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Amount of State or municipal aid received within the year. | Receipts from tuition fees. | Total income. | Benefactions. |
| 3 | | | | | | | | | | | | | | | | | |
| MICHIGAN—continued. | | | | | | | | | | | | | | | | | |
| 173 University of Michigan | 4 | 0 | 1 | 0 | 0 | \$20-35 | | | 55,538 | \$150,000 | \$740,000 | \$544,152 | \$38,000 | \$156,272 | \$80,000 | \$274,272 | \$10,000 |
| 174 Battle Creek College | 4 | | | | | 35 | | | 1,350 | 1,000 | 93,375 | | | | 4,375 | 9,895 | 719 |
| 175 Grand Traverse College | | | | | | 12 | | | 700 | 100 | 10,000 | 40,000 | 1,700 | | | 1,700 | |
| 176 Detroit College | 4 | 0 | 0 | 0 | 0 | 40 | | | 6,000 | 2,500 | 95,000 | 0 | 0 | 0 | 6,788 | 6,863 | |
| 177 Hillsdale College | 4 | 2 | 0 | 0 | 0 | 15 | \$3 | \$5 | 7,083 | 12,500 | 80,000 | 165,000 | 10,912 | 39 | 39 | 13,147 | 8,021 |
| 178 Hope College | 4 | 4 | 0 | 0 | 2 | | | 5 | 7,925 | 1,000 | 40,000 | 87,000 | 4,557 | | 1,788 | 7,501 | 10,000 |
| 179 Kalamazoo College | 4 | 3 | 0 | 0 | | | 5 | 5 | 3,810 | 1,100 | 118,000 | 103,000 | 7,358 | | 3,163 | 14,950 | |
| 180 Olivet College | 4 | 4 | 0 | 0 | | 24-30 | | 5 | 16,000 | 35,000 | 108,000 | 166,500 | 9,127 | | 4,782 | 13,910 | 20,124 |
| MINNESOTA. | | | | | | | | | | | | | | | | | |
| 181 St. John's University * | | 0 | 0 | 0 | 0 | | | | 12,000 | | | | | | | | |
| 182 Hamline University | 4 | | | | | 30-36 | | 5 | | | | | | | | | |
| 183 Macalester College | 4 | 3 | 0 | 0 | 2 | 40-55 | 5 | 10 | 6,000 | 1,452 | 175,035 | 80,000 | 9,709 | 0 | 550 | 10,259 | 30,000 |
| 184 Augsburg Seminary | | | | | | 15 | | | 1,000 | | 100,000 | 50,000 | 2,600 | | 1,500 | 3,000 | |
| 185 University of Minnesota | 4 | 0 | 2 | 0 | 0 | | | | 22,000 | 80,000 | 1,000,000 | 850,000 | 37,000 | 35,000 | 8,100 | 295,100 | 150,000 |
| 186 Dr. Martin Luther College | 4 | 0 | | | | 34 | 0 | 0 | | | 30,000 | 0 | 0 | | 600 | 600 | |
| 187 Carlton College | 4 | | | | | 24 | | 5 | 9,000 | 20,293 | 193,324 | 308,534 | 19,324 | 0 | 9,504 | 32,495 | 8,994 |
| 188 St. Olaf College | 4 | | | | | 50 | | | 600 | 500 | 35,000 | | | | 2,100 | 6,000 | |
| MISSISSIPPI. | | | | | | | | | | | | | | | | | |
| 189 Mississippi College | | 0 | 0 | 0 | 0 | 3-6 | 0 | 10 | 2,500 | 500 | 50,000 | 5,000 | 610 | 0 | 5,400 | 9,000 | 2,750 |
| 190 Rust University | 4 | | | | | 9 | | | 3 | 200 | 70,000 | | | | 1,872 | 2,600 | |
| 191 Kavanaugh College | 4 | 0 | 0 | 0 | 0 | 30 | 1 | 5 | 650 | | 3,000 | | | 340 | 2,200 | 2,540 | |
| 192 University of Mississippi | 4 | 0 | 1 | | 4 | 0 | | | 13,000 | 50,000 | 300,000 | 544,061 | 32,644 | | 850 | 35,104 | |

| MISSOURI. | | | | | | | | | | | | | | |
|----------------------------------------------------------|-------------------------------------|-------|-------|-------|---------|--------|-------|---------|----------|----------|----------|---------|--------|---------|
| 193 | Avalon College | 4 | 4 | 0 | 0 | 26 | 30 | 1,000 | 300 | 20,000 | 10,000 | 500 | 1,600 | 2,100 |
| 194 | Southwest Baptist College | 4-5 | 5 | 5 | 5 | 21-36 | 30 | 5,000 | 300 | 25,000 | ..... | ..... | 2,700 | 3,000 |
| 195 | Pike County College | 4 | 61 | 3 | 10 | 40 | 3 | 1,000 | 200 | 5,000 | 7,704 | 484 | 20,000 | 24,500 |
| 196 | Christian University | 4 | 0 | 0 | 5 | 36 | ..... | 18,450 | 50,000 | 300,000 | 534,000 | 28,000 | 11,000 | 78,382 |
| 197 | St. Vincent's College | 4 | 0 | 0 | 10 | 40 | 3 | 12,000 | 100 | 15,000 | 1,700 | 188 | 2,000 | 2,886 |
| 198 | University of the State of Missouri | 4 | 0 | 0 | 5 | 20-40 | ..... | 4,500 | 3,000 | 100,000 | 110,000 | 8,800 | 3,600 | 11,800 |
| 199 | Grand River College | 4 | 2 | 1 | 5 | 25 | ..... | 6,000 | 1,200 | 35,000 | 78,000 | 4,900 | 2,600 | 8,500 |
| 200 | Central College | 4 | 6 | 0 | 5 | 40 | ..... | 4,000 | 30,000 | 30,000 | 56,000 | 3,800 | 2,050 | 6,880 |
| 201 | Westminster College | 4 | 2 | 0 | 4 | 20-50 | ..... | 1,800 | ..... | 50,000 | 175,000 | 10,000 | 2,300 | 13,000 |
| 202 | Pritchett School Institute | 3 | 2 | 0 | 13 | 40 | ..... | 5,400 | 500 | 10,000 | ..... | ..... | 3,200 | 3,400 |
| 203 | La Grange College* | 4 | 0 | 0 | 2 | 25 | ..... | 800 | 200 | 25,000 | ..... | 0 | 3,000 | 3,000 |
| 204 | William Jewell College | 4 | 0 | 0 | 10 | 10,000 | ..... | 500,000 | ..... | ..... | ..... | 0 | 13,000 | 13,000 |
| 205 | Morrisville College | 4 | 0 | 0 | 10 | 32,000 | ..... | 625,000 | ..... | ..... | ..... | 0 | ..... | ..... |
| 206 | Scarratt Collegiate Institute | 4 | 0 | 0 | 5 | 18,600 | ..... | 2,000 | 250,000 | 75,000 | 30,000 | 4,500 | 4,700 | 18,000 |
| 207 | College of the Christian Brothers | 4 | 0 | 0 | 30 | 30 | ..... | 3,700 | 3,500 | 43,000 | 45,000 | 3,150 | 5,280 | 8,530 |
| 208 | St. Louis University | 4 | 0 | 0 | 2 | 60 | 0 | 10,000 | 5,000 | 600,000 | 0 | 0 | ..... | ..... |
| 209 | Washington University | 4 | 0 | 0 | 10 | 100 | ..... | 95,000 | ..... | ..... | ..... | ..... | ..... | ..... |
| 210 | Drury College | 4 | 2 | 16 | 30 | 100 | ..... | 6,000 | 2,000 | 250,000 | 75,000 | 4,500 | 4,700 | 18,000 |
| 211 | Tarkio College | 3,4 | ..... | ..... | 2 | 450 | ..... | 3,700 | 3,500 | 43,000 | 45,000 | 3,150 | 5,280 | 8,530 |
| 212 | Central Wesleyan College | 4 | 2 | ..... | 7-12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| MONTANA. | | | | | | | | | | | | | | |
| 213 | College of Montana | 4 | 4 | 0 | 0 | 3 | 50 | 1,000 | 1,500 | 100,000 | 10,000 | 700 | 5,000 | 10,000 |
| NEBRASKA. | | | | | | | | | | | | | | |
| 214 | Bellevue College | 4 | ..... | ..... | 30 | ..... | ..... | 100 | 300 | 100,000 | 14,000 | 1,000 | ..... | 4,500 |
| 215 | Nebraska Central College* | 4 | ..... | ..... | 21 | ..... | ..... | 300 | 30 | 100,000 | 85,000 | 1,000 | 1,200 | 2,500 |
| 216 | Doane College | 4 | 3 | ..... | 5 | 20 | ..... | 4,500 | 4,500 | 80,000 | 37,000 | 3,000 | 3,000 | 8,000 |
| 217 | Nebraska Wesleyan University | 4 | 3 | ..... | 14 | ..... | ..... | 1,200 | 1,000 | 225,000 | 100,000 | ..... | ..... | ..... |
| 218 | University of Nebraska | 4 | 0 | 0 | 0 | ..... | ..... | 11,400 | 65,000 | 425,000 | 652,000 | 30,000 | 87,500 | 117,500 |
| 219 | Gates College | 4 | 1 | 0 | 3 | 20 | 0 | 5,000 | 500 | 20,000 | 15,000 | 1,200 | 1,024 | 6,000 |
| 220 | Croighton College | 4 | 0 | 0 | 0 | 0 | ..... | 5,600 | *15,000 | *200,000 | *105,000 | *12,000 | 0 | *12,000 |
| NEVADA. | | | | | | | | | | | | | | |
| 221 | State University of Nevada | ..... | 0 | 0 | 0 | 0 | ..... | 1,100 | 2,000 | 35,000 | 125,000 | 5,000 | 24,000 | 29,000 |
| NEW HAMPSHIRE. | | | | | | | | | | | | | | |
| 222 | Dartmouth College | 4 | *11 | ..... | *138 | 90 | ..... | 68,000 | *100,000 | *200,000 | *850,000 | *43,000 | 0 | *17,000 |
| NEW JERSEY. | | | | | | | | | | | | | | |
| 223 | St. Benedict's College | 5 | 0 | 0 | 10 | 60 | ..... | 3,000 | 500 | 25,000 | 0 | 0 | 4,000 | 4,000 |
| 224 | Rutgers College | 4 | ..... | ..... | 75 | ..... | ..... | 25,000 | 50,000 | 400,000 | ..... | 32,400 | 4,539 | 458,939 |
| 225 | College of New Jersey | 4 | 12 | 77 | 100-125 | ..... | ..... | 133,800 | ..... | ..... | ..... | ..... | ..... | ..... |
| 226 | College of the Sacred Heart* | 4 | ..... | ..... | ..... | ..... | ..... | 2,000 | ..... | 70,000 | ..... | ..... | ..... | ..... |
| * Statistics of 1887-88. | | | | | | | | | | | | | | |
| a Includes \$15,000 for agricultural experiment station. | | | | | | | | | | | | | | |
| b Partially. | | | | | | | | | | | | | | |

^a Includes \$15,000 for agricultural experiment station.

^b Partially.

* Statistics of 1887-88.

| | | | | | | | | | | | | | | | | | | |
|-------|-------------------------------------------------|---|---|---|-----|----|-----|-------|--------|--------|---------|---------|---------|---------|--------|--------|--------|--------|
| 249 | Biddle University | 4 | 4 | 0 | 0 | 0 | 7 | 60 | 5 | 9,000 | 10,000 | *75,000 | *8,000 | 7,000 | 0 | 5,000 | 12,000 | ..... |
| 250 | Davidson College | 4 | 4 | 0 | 0 | 0 | 0 | 30-40 | 5 | 1,100 | 800 | 100,000 | 108,000 | 1,500 | 0 | 1,500 | 1,500 | ..... |
| 251 | North Carolina College | 4 | 4 | 0 | 0 | 0 | 0 | 8 | 5 | 3,000 | 5,000 | 130,000 | 18,000 | 250 | 0 | 1,500 | 10,850 | 1,500 |
| 252 | Shaw University* | 4 | 4 | 0 | 0 | 0 | 0 | 1 | 5,000 | 5,000 | 2,000 | 0 | 0 | 0 | 0 | 1,500 | 1,500 | 0 |
| 253 | Rutherford College | 4 | 4 | 0 | 0 | 0 | 1 | 20-40 | 1,000 | 1,000 | 100,000 | 36,000 | 6,700 | 0 | 2,000 | 7,500 | 3,500 | |
| 254 | Livingstone College | 4 | 4 | 1 | 0 | 2 | 50 | 10 | 5 | 9,100 | 500 | 40,000 | 40,000 | 2,500 | 0 | 2,000 | 9,000 | 20,000 |
| 255 | Trinity College | 4 | 4 | 0 | 0 | 0 | 11 | 60 | 5 | 10,000 | 5,000 | 60,000 | 170,000 | 11,000 | 0 | 6,000 | 17,000 | 2,000 |
| 256 | Wake Forest College | 4 | 4 | 0 | 0 | 0 | 0 | 30 | 5 | 113 | 0 | 10,000 | 0 | 0 | 0 | 1,500 | 1,500 | 0 |
| 257 | Weaverville College* | 4 | 4 | 0 | 0 | 0 | 1 | 30 | 1 | 5 | 113 | 0 | 10,000 | 0 | 0 | 1,500 | 1,500 | 0 |
| OHIO. | | | | | | | | | | | | | | | | | | |
| 258 | Buchtel College | 4 | 4 | 4 | 4 | 50 | 40 | 1 | 5 | 4,714 | 10,551 | 207,975 | 45,000 | 7,500 | 0 | 1,500 | 2,200 | ..... |
| 259 | Mount Union College | 4 | 4 | 4 | 4 | 30 | 0 | 7 | 3,200 | 200 | 45,000 | 200 | 200,000 | 7,500 | 0 | 2,800 | 17,000 | 4,000 |
| 260 | Ashland University | 6 | 0 | 0 | 0 | 0 | 0 | 3-5 | 5 | 8,000 | 6,000 | 200,000 | 75,000 | 7,500 | 5,000 | 0 | 7,500 | 30,000 |
| 261 | Ohio University | 4 | 4 | 0 | 0 | 88 | 0 | 33 | 5 | 5,000 | 2,000 | 59,000 | 60,000 | 4,400 | 0 | 7,500 | 12,000 | 0 |
| 262 | Baldwin University* | 4 | 4 | 5 | 0 | 0 | 0 | 21 | 0 | 5 | 4,000 | 148,000 | 148,000 | 7,500 | 0 | 0 | 6,500 | 0 |
| 263 | German Wallace College | 4 | 4 | 5 | 0 | 0 | 0 | 16 | 0 | 5 | 5,200 | 100,000 | 100,000 | 4,500 | 0 | 0 | 15,000 | 0 |
| 264 | St. Joseph's College | 7 | 0 | 0 | 0 | 0 | 0 | 60 | 0 | 5 | 16,000 | 7,000 | 600,000 | 30,000 | 0 | 0 | 15,000 | 0 |
| 265 | St. Xavier College | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 100,000 | 6,000 | 600,000 | 30,000 | 19,000 | 0 | 55,000 | 0 |
| 266 | University of Cincinnati | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 24,000 | 21,000 | 275,000 | 36,000 | 0 | 2,100 | 38,100 | 13,000 |
| 267 | Adelbert College of Western Reserve University. | 4 | 4 | 4 | 4 | 60 | 30 | 5 | 5 | 2,000 | 1,000 | 10,000 | 60,000 | 4,200 | 0 | 1,000 | 1,000 | 2,000 |
| 268 | Calvin College | 4 | 4 | 4 | 4 | 30 | 2 | 3 | 2,200 | 3 | 2,000 | 18,000 | 80,000 | 537,841 | 0 | 1,200 | 5,400 | 0 |
| 269 | Belmont College | 4 | 4 | 4 | 4 | 30 | 10 | 5 | 2,200 | 3 | 3,000 | 80,000 | 250,766 | 267,160 | 14,884 | 0 | 6,638 | 74,145 |
| 270 | Capital University | 4 | 4 | 4 | 4 | 40 | 15 | 5 | 14,000 | 5 | 14,000 | 250,766 | 100,000 | 32,575 | 1,719 | 0 | 9,388 | 43,869 |
| 271 | Ohio State University | 4 | 4 | 6 | 0 | 0 | 500 | 5 | 0 | 5 | 877 | 350 | 100,000 | 14,378 | 0 | 4,132 | 7,146 | 1,567 |
| 272 | Ohio Wesleyan University | 4 | 4 | 0 | 0 | 0 | 1 | 30 | 3 | 5 | 20,000 | 5,000 | 278,000 | 16,400 | 0 | 1,862 | 16,240 | 0 |
| 273 | Findlay College | 4 | 4 | 8 | 0 | 0 | 0 | 75 | 5 | 5 | 14,000 | 5,000 | 30,000 | 16,400 | 0 | 3,765 | 21,940 | 2,240 |
| 274 | Kenyon College | 4 | 4 | 0 | 0 | 0 | 0 | 32 | 39 | 5 | 14,000 | 5,000 | 50,000 | 4,058 | 0 | 4,300 | 8,358 | 0 |
| 275 | Twin Valley College | 4 | 4 | 1 | 0 | 0 | 60 | 39 | 45 | 5 | 5,000 | 90,000 | 308,000 | 51,240 | 0 | 0 | 1,500 | 28,000 |
| 276 | Denison University | 4 | 4 | 3 | 0 | 0 | 39 | 45 | 0 | 5 | 42,500 | 14,000 | 35,000 | 2,450 | 0 | 2,430 | 4,880 | 0 |
| 277 | Hiram College | 4 | 4 | 4 | 4 | 40 | 0 | 3 | 5 | 2,500 | 1,200 | 15,000 | 399,831 | 20,463 | 0 | 46,703 | 76,171 | 76,255 |
| 278 | Marietta College | 4 | 4 | 2 | 125 | 30 | 1-3 | 30 | 1-3 | 27,030 | 100,000 | 400,000 | 200,000 | 12,000 | 3,000 | 2,250 | 18,000 | 5,000 |
| 279 | Franklin College | 4 | 4 | 0 | 0 | 0 | 2 | 45 | 0 | 5 | 10,000 | 150,000 | 60,000 | 3,000 | 0 | 3,000 | 3,500 | 0 |
| 280 | Muskingum College | 4 | 4 | 0 | 0 | 0 | 24 | 0 | 0 | 5 | 4,000 | 40,000 | 30,000 | 5,000 | 0 | 5,000 | 5,000 | 21,000 |
| 281 | Oberlin College | 4 | 4 | 0 | 0 | 0 | 24 | 0 | 0 | 5 | 1,000 | 100,000 | 110,000 | 7,000 | 0 | 1,500 | 8,500 | 0 |
| 282 | Miami University | 4 | 4 | 0 | 0 | 0 | 5 | 25 | 0 | 5 | 5,000 | 23,000 | 58,000 | 3,500 | 0 | 1,200 | 5,000 | 2,000 |
| 283 | Richmond College | 4 | 4 | 0 | 0 | 0 | 5 | 30 | 0 | 5 | 4,000 | 52,000 | 76,903 | 5,000 | 0 | 2,638 | 69,042 | 1,000 |
| 284 | Rio Grande College | 4 | 4 | 0 | 0 | 0 | 5 | 39 | 0 | 5 | 4,200 | 40,000 | 15,000 | 853 | 4,000 | 1,560 | 9,321 | 650 |
| 285 | Seto College | 6 | 4 | 0 | 0 | 0 | 5 | 20 | 0 | 5 | 25,000 | 25,000 | 30,000 | 1,500 | 0 | 3,000 | 4,500 | 350 |
| 286 | Heidelberg College | 4 | 4 | 0 | 0 | 0 | 5 | 30 | 0 | 5 | 11,250 | 4,000 | 201,000 | 11,413 | 0 | 15,194 | 31,009 | 0 |
| 287 | Orbana University | 4 | 4 | 0 | 0 | 0 | 0 | 39 | 0 | 5 | 11,250 | 4,000 | 201,000 | 11,413 | 0 | 15,194 | 31,009 | 0 |
| 288 | Urban University | 4 | 4 | 0 | 0 | 0 | 0 | 10-25 | 0 | 5 | 6,000 | 120,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| 289 | Wilberforce University | 4 | 4 | 0 | 0 | 0 | 0 | 39 | 0 | 5 | 11,250 | 4,000 | 201,000 | 11,413 | 0 | 15,194 | 31,009 | 0 |
| 290 | Wilmington College | 4 | 4 | 0 | 0 | 0 | 0 | 39 | 0 | 5 | 11,250 | 4,000 | 201,000 | 11,413 | 0 | 15,194 | 31,009 | 0 |
| 291 | University of Wooster | 4 | 4 | 0 | 0 | 0 | 0 | 42 | 15-45 | 0 | 5 | 11,250 | 4,000 | 201,000 | 11,413 | 0 | 15,194 | 31,009 |
| 292 | Antioch College | 4 | 4 | 0 | 0 | 0 | 0 | 30 | 0 | 5 | 6,000 | 120,000 | 0 | 0 | 0 | 0 | 0 | 0 |

* In addition, over \$7,000 of outstanding notes collected.

* Statistics of 1887-88.

TABLE 7.—Statistics of colleges of liberal arts for 1888-89.—PART II—Continued.

| Name. | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | Benefactions. |
|----------------------------------------------------|------------------------------------|-------------------------------|------------------------|---------------------------|---------------------------|------------------------------------------|------------------------------|---------------------------|-------------------------------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|------------------------------------------------------------|-----------------------------|---------------|----|---------------|
| | Number of years in college course. | Number of endowed professors. | Number of fellowships. | Number of State scholars. | Number of other scholars. | Annual charge to each pupil for tuition. | Amount of matriculation fee. | Amount of graduation fee. | Number of volumes in library. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Amount of State or municipal aid received within the year. | Receipts from tuition fees. | Total income. | | |
| OREGON. | | | | | | | | | | | | | | | | | | |
| 293 University of Oregon | 4 | 0 | | | | \$50 | | | 3,000 | \$15,000 | | \$130,000 | \$9,400 | \$14,000 | \$2,600 | \$23,000 | | 0 |
| 294 Pacific University and Tualatin Academy* | 3-4 | 1 | | | | 20-45 | | \$5 | 6,200 | 1,000 | \$30,000 | 90,000 | 8,000 | | 2,450 | 10,500 | | |
| 295 McMinnville College | 4 | 0 | 0 | 0 | 0 | 40 | | 5 | 600 | 100 | 30,000 | 14,000 | 1,400 | 0 | 975 | 2,900 | | \$6,400 |
| 296 Willamette University | 4 | 2 | | | 20 | 44, 52 | | | 3,162 | 5,000 | 80,000 | 50,000 | 3,000 | | 8,000 | 12,500 | | 9,000 |
| PENNSYLVANIA. | | | | | | | | | | | | | | | | | | |
| 297 Western University of Pennsylvania | 4 | 2 | 0 | 0 | 0 | 80 | 0 | 5 | 4,500 | 5,000 | 50,000 | 325,000 | 16,753 | | 11,885 | 28,638 | | 3,500 |
| 298 Muhlenberg College | 4 | 4 | | | 30 | 50 | | | 8,500 | 1,000 | 80,000 | 131,000 | 7,500 | | 2,500 | 13,000 | | 18,000 |
| 299 Lebanon Valley College | 4 | 4 | | | | 40 | \$1 | 5 | 3,800 | 1,000 | 50,000 | 4,700 | 261 | | 5,371 | 5,849 | | 190 |
| 300 St. Vincent's College | 4 | 4 | | | | | 5 | 7 | 26,000 | | | | | | | | | |
| 301 Geneva College | 4 | 4 | | | | 39 | | 5 | 30,000 | 1,200 | 75,000 | 100,000 | 6,500 | | 2,700 | 9,200 | | |
| 302 Dickinson College | 4 | 4 | | | | | | 5 | 30,000 | 25,000 | 100,000 | 276,911 | 14,900 | | 262 | 20,753 | | |
| 303 Pennsylvania Military Academy | 4 | 0 | | | | | | 10 | 100,000 | | 100,000 | | | | | | | |
| 304 Ursinus College | 4 | 0 | 0 | 8 | 8 | 48 | | 6 | 3,231 | | 31,000 | | | | | | | 7,000 |
| 305 Lafayette College | 4 | 5 | 0 | 0 | 0 | 45-75 | 10 | 0 | 22,000 | 50,000 | 600,000 | 272,363 | 15,995 | 0 | 7,335 | 26,554 | | 11,114 |
| 306 Pennsylvania College | 4 | 5 | | | 40 | 50 | 0 | 5 | 20,424 | | 200,000 | 140,000 | 7,000 | | 7,000 | 15,000 | | 18,000 |
| 307 Thiel College | 4 | 2 | 0 | 0 | 40 | 30 | 0 | 5 | 6,000 | | 60,000 | | | | | 6,000 | | 0 |
| 308 Grove City College | 4 | 4 | | | | 150 | | | 2,000 | 2,000 | 50,000 | | | | 10,000 | 10,000 | | 5,000 |
| 309 Haverford College | 4 | 2 | 4 | 0 | 20 | 39 | 0 | 10 | 18,500 | 10,000 | 200,000 | 215,000 | 10,500 | 0 | 12,500 | 25,000 | | 13,000 |
| 310 Franklin and Marshall College | 4 | 4 | | | | | | | 25,000 | 47,500 | 130,000 | 230,000 | 14,000 | 0 | | 14,000 | | 25,000 |
| 311 Brecknell University | 4 | 8 | 0 | 0 | 20 | 50 | 5 | 5 | 11,000 | 3,000 | 200,000 | 278,000 | 14,000 | 0 | 14,000 | 28,000 | | 5,000 |
| 312 St. Francis College | 4 | 4 | | | | | | | 5,000 | | 60,000 | | | | | 5,000 | | 0 |
| 313 Allegheny College | 4 | 4 | | | | | | | 15,000 | 5,000 | 70,000 | 150,000 | 8,000 | 0 | 1,918 | 14,000 | | 300 |
| 314 Central Pennsylvania College | 4 | 4 | | | | 82-18 | | 5 | 3,000 | 600 | 22,000 | 150 | 15 | | 3,500 | 12,000 | | 12,000 |
| 315 Westminster College | 4 | | | | | 24 | 5 | 0 | | | | 124,000 | 5,000 | 0 | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------------------------------------------------------------------------------|---|---|---|-----|------|--------|---------|-----------|---------|-----------|---|---|-----------|--------|--------|--------|--------|---------|---------|---------|---------|---------|
| 316 | La Salle College..... | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 8,000 | 2,000 | 100,000 | 0 | 0 | 1,469,930 | 78,463 | 0 | 0 | 16,000 | 16,000 | 0 | 146,317 | 224,780 | 120,789 |
| 317 | St. Joseph's College..... | 4 | 4 | 1 | 46 | 20 | 63,800 | 261,500 | 2,121,000 | 0 | 2,121,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,000 | 9,000 | |
| 318 | University of Pennsylvania..... | 4 | 0 | 0 | 0 | 5,10 | 5,000 | 2,000 | 5,000 | 2,000 | 500,000 | 0 | 0 | 400,000 | 20,000 | 0 | 0 | 65,000 | 85,000 | 0 | 65,000 | 185,000 | |
| 319 | Holy Ghost College..... | 4 | 4 | 0 | 0 | 0 | 13,225 | 25,000 | 5,000 | 5,000 | 150,000 | 0 | 0 | 250,000 | 15,000 | 0 | 0 | 21,000 | 21,000 | 0 | 21,000 | 4,800 | |
| 320 | Swarthmore College..... | 4 | 4 | 4 | 4-8 | 6 | 10,500 | 5,000 | 5,000 | 5,000 | 150,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 321 | Villanova College..... | 4 | 4 | 4 | 4-8 | 6 | 10,500 | 5,000 | 5,000 | 5,000 | 150,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 322 | Washington and Jefferson College..... | 4 | 4 | 4 | 4-8 | 6 | 10,500 | 5,000 | 5,000 | 5,000 | 150,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 323 | RHODE ISLAND. Brown University..... | 4 | 2 | 0 | 100 | 5 | 70,000 | 70,000 | 70,000 | 70,000 | *625,000 | 0 | 0 | 980,836 | 50,777 | 0 | 0 | 23,274 | 74,379 | 100,098 | 23,274 | 100,098 | |
| 324 | SOUTH CAROLINA. College of Charleston..... | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 2,000 | 20,000 | 0 | 0 | 249,400 | 10,000 | 0 | 0 | 400 | 10,400 | 0 | 400 | 10,400 | |
| 325 | Presbyterian College of South Carolina..... | 4 | 4 | 4 | 4 | 2 | 6 | 50 | 115,000 | 115,000 | 1,500 | 0 | 0 | 191,000 | 5,754 | 0 | 0 | 1,338 | 1,338 | 0 | 1,338 | 1,781 | |
| 326 | Allen University..... | 4 | 4 | 0 | 2 | 5 | 28,000 | 200 | 28,000 | 200 | 315,000 | 0 | 0 | 65,900 | 4,500 | 0 | 0 | 450 | 5,000 | 0 | 450 | 5,000 | |
| 327 | University of South Carolina..... | 4 | 4 | 0 | 2 | 5 | 2,000 | 500 | 2,000 | 500 | 30,000 | 0 | 0 | 65,900 | 4,500 | 0 | 0 | 7,000 | 50,254 | 2,000 | 7,000 | 50,254 | |
| 328 | Erskine College..... | 4 | 4 | 0 | 0 | 5 | 7,500 | 8,000 | 8,000 | 8,000 | 30,000 | 0 | 0 | 32,000 | 1,900 | 0 | 0 | 4,000 | 8,000 | 0 | 4,000 | 8,000 | |
| 329 | Furman University..... | 4 | 4 | 0 | 0 | 5 | 7,500 | 8,000 | 8,000 | 8,000 | 30,000 | 0 | 0 | 32,000 | 1,900 | 0 | 0 | 2,600 | 4,500 | 600 | 2,600 | 4,500 | |
| 330 | Newberry College..... | 4 | 4 | 0 | 0 | 5 | 7,500 | 8,000 | 8,000 | 8,000 | 30,000 | 0 | 0 | 32,000 | 1,900 | 0 | 0 | 2,600 | 4,500 | 600 | 2,600 | 4,500 | |
| 331 | Wofford College..... | 4 | 4 | 4 | 4 | 10 | 6,000 | 6,000 | 6,000 | 6,000 | 80,000 | 0 | 0 | 60,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 332 | TENNESSEE. Grant Memorial University..... | 4 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 3,500 | 75,000 | 0 | 0 | 20,000 | 1,200 | 0 | 0 | 3,500 | 10,000 | 100,000 | 3,500 | 10,000 | |
| 333 | King College..... | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,000 | 0 | 0 | 22,000 | 0 | 0 | 0 | 1,200 | 1,200 | 0 | 1,200 | 0 | |
| 334 | Chattanooga University..... | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 335 | Hiwassee College..... | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 45,000 | 2,000 | 0 | 0 | 1,992 | 1,992 | 700 | 1,992 | 700 | |
| 336 | Southwestern Baptist University..... | 4 | 4 | 0 | 0 | 3 | 3,000 | 1,000 | 3,000 | 1,000 | 50,000 | 0 | 0 | 420,000 | 24,500 | 1,000 | 1,000 | 12,000 | 37,500 | 0 | 12,000 | 37,500 | |
| 337 | University of Tennessee; Tenness-see Agricultural and Mechanical College..... | 4 | 4 | 0 | 0 | 275 | 8,000 | 8,000 | 8,000 | 8,000 | 50,000 | 0 | 0 | 70,000 | 3,000 | 0 | 0 | 9,000 | 12,000 | 500 | 9,000 | 12,000 | |
| 338 | Cumberland University..... | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,000 | 0 | 0 | 110,000 | 6,000 | 0 | 0 | 5,000 | 6,000 | 2,200 | 5,000 | 6,000 | |
| 339 | Bethel College..... | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 110,000 | 6,000 | 0 | 0 | 2,000 | 8,000 | 0 | 2,000 | 8,000 | |
| 340 | Maryville College..... | 4 | 4 | 0 | 0 | 2 | 10 | 0 | 10,275 | 2,000 | 50,000 | 0 | 0 | 110,000 | 6,000 | 0 | 0 | 2,000 | 8,000 | 0 | 2,000 | 8,000 | |
| 341 | Christian Brother's College..... | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 250 | 11,000 | 0 | 0 | 17,000 | 1,200 | 0 | 0 | 3,000 | 3,000 | 5,000 | 3,000 | 5,000 | |
| 342 | Milligan College..... | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 25,000 | 0 | 0 | 17,000 | 1,200 | 0 | 0 | 4,500 | 5,700 | 300 | 4,500 | 5,700 | |
| 343 | Carson and Newman College..... | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70,000 | 0 | 0 | 10,000 | 940 | 0 | 0 | 2,442 | 9,432 | 6,589 | 2,442 | 9,432 | |
| 344 | Central Tennessee College..... | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 275,000 | 0 | 0 | 10,850 | 713 | 0 | 0 | 5,170 | 5,853 | 3,000 | 5,170 | 5,853 | |
| 345 | Fisk University..... | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | 0 | 0 | 980,000 | 63,000 | 413 | 413 | 2,120 | 6,233 | 0 | 2,120 | 6,233 | |
| 346 | Roger Williams University..... | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 700,000 | 0 | 0 | 980,000 | 63,000 | 0 | 0 | 38,500 | 101,500 | 15,500 | 38,500 | 101,500 | |
| 347 | Vanderbilt University..... | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 165,000 | 0 | 0 | 165,000 | 2,500 | 0 | 0 | 1,000 | 2,500 | 0 | 1,000 | 2,500 | |
| 348 | University of the South..... | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18,650 | 0 | 0 | 3,400 | 0 | 0 | 0 | 1,000 | 2,500 | 0 | 1,000 | 2,500 | |
| 349 | Greenville and Tusculum College..... | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18,650 | 0 | 0 | 3,400 | 0 | 0 | 0 | 1,000 | 2,500 | 0 | 1,000 | 2,500 | |
| 350 | TEXAS. University of Texas..... | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 | 150,000 | 0 | 0 | 549,300 | 41,589 | 25,000 | 25,000 | 3,690 | 70,279 | 100,000 | 3,690 | 70,279 | |
| 351 | Fort Worth University..... | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 200 | 75,000 | 0 | 0 | 0 | 0 | 0 | 0 | 6,584 | 7,334 | 0 | 6,584 | 7,334 | |

* Statistics of 1887-88.

TABLE 7.—Statistics of colleges of liberal arts for 1888-89.—PART II—Continued.

| Name. | 2 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
|-----------------------------------------------------------|-----|------------------------------------|-------------------------------|------------------------|---------------------------|---------------------------|------------------------------------------|------------------------------|---------------------------|-------------------------------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|------------------------------------------------------------|-----------------------------|---------------|---------------|
| | | Number of years in college course. | Number of endowed professors. | Number of fellowships. | Number of State scholars. | Number of other scholars. | Annual charge to each pupil for tuition. | Amount of matriculation fee. | Amount of graduation fee. | Number of volumes in library. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Amount of State or municipal aid received within the year. | Receipts from tuition fees. | Total income. | Benefactions. |
| TEXAS—continued. | | | | | | | | | | | | | | | | | | |
| 352 St. Mary's University | 6 | 0 | 0 | 0 | 0 | 0 | \$80 | 0 | \$10 | 1,000 | \$250 | \$125,000 | 0 | 0 | 0 | \$15,000 | \$15,000 | 0 |
| 353 Southwestern University | 3,4 | 0 | 0 | 0 | 0 | 0 | 40-50 | \$3 | 10 | 200 | 0 | 0 | 0 | 0 | \$725 | 0 | \$1,800 | \$900 |
| 354 Hope Institute | 4 | 0 | 0 | 0 | 0 | 0 | 12-32 | 1 | 5 | 1,400 | 50 | 20,000 | 0 | 0 | 0 | 1,082 | 4,824 | 472 |
| 355 Wiley University | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 356 Salado College | 3 | 0 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 15,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| 357 Austin College | 2 | 0 | 0 | 0 | 0 | 0 | 30-50 | 5 | 0 | 2,500 | 1,000 | 25,000 | \$16,000 | \$1,600 | 0 | 1,800 | 3,400 | 3,500 |
| 358 Trinity University* | 4 | 2 | 0 | 0 | 0 | 35 | 50 | 0 | 5 | 4,600 | 1,000 | 40,000 | 29,500 | 0 | 0 | 0 | 0 | 30,000 |
| 359 Baylor University | 4 | 0 | 0 | 0 | 0 | 0 | 30-50 | 0 | 0 | 6,605 | 4,000 | 115,000 | 0 | 0 | 0 | 9,500 | 9,500 | 0 |
| UTAH. | | | | | | | | | | | | | | | | | | |
| 360 University of Deseret | 4 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 10 | 4,000 | 3,000 | 150,000 | 0 | 0 | 126,451 | 5,600 | 132,051 | 0 |
| VERMONT. | | | | | | | | | | | | | | | | | | |
| 361 University of Vermont and State Agricultural College. | 4 | 3 | 0 | 0 | 32 | 32 | 60 | 0 | 0 | 36,472 | 150,000 | 275,000 | 250,000 | 21,278 | 0 | 5,981 | 34,002 | 26,000 |
| 362 Middlebury College | 4 | 3 | 0 | 0 | 70 | 70 | 60 | 0 | 4 | 16,200 | 4,000 | 95,000 | 188,000 | 12,297 | 0 | 1,057 | 13,858 | 363 |
| VIRGINIA. | | | | | | | | | | | | | | | | | | |
| 363 Randolph-Macon College | 0 | 1 | 0 | 0 | 0 | 0 | 75 | 15 | 5 | 7,000 | 2,000 | 80,000 | 100,000 | 10,500 | 0 | 8,500 | 19,000 | 40,000 |
| 364 University of Virginia | 5 | 5 | 0 | 0 | 17 | 17 | 75 | 25 | 0 | 52,000 | 270,800 | 778,600 | 291,000 | 17,666 | 35,000 | 24,902 | 95,212 | 3,095 |
| 365 Emory and Henry College | 4 | 1 | 0 | 0 | 1 | 1 | 50 | 5 | 5 | 12,000 | 1,000 | 150,000 | 60,000 | 2,000 | 0 | 4,000 | 6,000 | 3,900 |
| 366 Hampton Sidney College | 4 | 1 | 0 | 0 | 2 | 2 | 60 | 10 | 0 | 10,000 | 0 | 100,000 | 115,000 | 7,000 | 0 | 1,600 | 8,600 | 0 |
| 367 Washington and Lee University | 7 | 1 | 1 | 0 | 14 | 14 | 50 | 0 | 0 | 20,000 | 30,000 | 168,000 | 608,454 | 35,149 | 0 | 6,943 | 42,092 | 1,000 |
| 368 Richmond College | 1 | 0 | 0 | 0 | 30 | 30 | 70 | 0 | 5 | 16,000 | 5,000 | 250,000 | 250,000 | 14,000 | 0 | 6,200 | 23,000 | 32,000 |
| 369 Roanoke College | 4 | 0 | 0 | 0 | 10 | 10 | 50 | 5 | 5 | 17,000 | 0 | 75,000 | 26,000 | 1,500 | 0 | 4,000 | 11,000 | 5,500 |

| WASHINGTON. | | | | | | | | | | | | | | | | |
|----------------|----------------------------------|-----|---|---|---|---|---------|------|--------|---------|---------|--------|--------|--------|---------|--------|
| 370 | University of Washington | 4 | | | | | 28-40 | 5-10 | 3,100 | 3,000 | 55,000 | 200 | 2,700 | 4,800 | 7,700 | |
| 371 | Whitman College | 3-4 | 0 | 0 | 0 | 0 | 8 39-48 | | 3,050 | 800 | 35,000 | 1,300 | | 6,006 | 7,800 | 4,875 |
| WEST VIRGINIA. | | | | | | | | | | | | | | | | |
| 372 | Rebany College | 4 | 0 | 0 | 0 | 0 | 20, 40 | 10 | 2,000 | | 135,000 | | | 3,000 | 3,000 | 20,000 |
| 373 | West Virginia College | 4 | | | | | 24 | | 200 | | 12,000 | 9 | | 300 | 309 | 60 |
| 374 | West Virginia University | | | | | | 37 | | 5,000 | 10,000 | 100,000 | 7,000 | 29,000 | 890 | 36,800 | |
| WISCONSIN. | | | | | | | | | | | | | | | | |
| 375 | Lawrence University | 4 | 1 | 0 | 0 | | 15-24 | 0 | 11,746 | 2,000 | 5,000 | 5,869 | 0 | 3,072 | 16,870 | 8,796 |
| 376 | Beloit College | 4 | 6 | 0 | 0 | 0 | 26-36 | 0 | 14,309 | 15,000 | 190,000 | 15,865 | 0 | 6,031 | 21,856 | 3,390 |
| 377 | Galveston University* | 4 | | | | | 20-28 | 5 | 2,500 | 300 | 20,000 | | | 700 | 5,303 | 6,000 |
| 378 | University of Wisconsin | 4 | 0 | 9 | | | 18 | | 21,000 | 125,000 | 900,000 | 28,000 | 88,000 | 14,895 | 130,895 | |
| 379 | Milton College | 4 | 0 | 0 | 0 | 0 | 27-36 | 3 | 3,468 | 7,000 | 30,000 | 1,613 | | 3,104 | 6,577 | 1,613 |
| 380 | Racine College | 4 | | | | | | 4 | 5 | 10,000 | | 30,000 | | | 30,000 | |
| 381 | Ripon College | 4 | 2 | | | | | 5 | 7,000 | 10,000 | 85,000 | 11,000 | | | 13,970 | 8,384 |
| 382 | Seminary of St. Francis of Sales | | | | | | 165 | | 12,000 | | 180,000 | | | 30,000 | 30,000 | |
| 383 | Northwestern University | 4 | | | | | 30 5 | 10 | 2,100 | 2,500 | 58,000 | | | 1,500 | 14,000 | 12,500 |
| WYOMING. | | | | | | | | | | | | | | | | |
| 384 | University of Wyoming | 4 | | | | | 0 | | 1,500 | 3,000 | 150,000 | | 24,449 | 0 | 24,654 | |

b Two of these are but partially endowed.

a Partially.

* Statistics of 1887-88.

III.—SCHOOLS OF SCIENCE.

SCHOOLS OF SCIENCE ENDOWED BY THE NATIONAL LAND GRANT.

Only thirty-two of the forty-eight schools properly reported under this head appear in Table 13. Of the other sixteen schools, the South Georgia College of Agriculture and Mechanic Arts at Thomasville, Ga., has made no report to this Office since 1885-86, and does therefore not appear in the table. The College of Agriculture and Mechanic Arts of the University of North Carolina has been abolished and a new school, the North Carolina College of Agriculture and Mechanic Arts has been located at Raleigh, under the presidency of Alexander Q. Holliday. No report was received from it, as its first session begins on October 3, 1889. The remaining fourteen schools are so closely united with the institutions of which they are departments that it is impossible to separate the work and funds without duplication, so that the statistics of these schools are reported in Table 7, with the institutions to which they belong.

Remarks on Table 8.—From the summary given in Table 8, it appears that the total number of professors and instructors reported by the thirty-two schools was 670, which is an increase of 8.06 per cent. over the number reported in 1887-88, while the increase in the number of students is 18.38 per cent. The total income reported by these schools is \$1,407,242, of which amount 37.4 per cent. was derived from State or municipal appropriations, 40.95 per cent. from productive funds, and 15.98 per cent. from tuition fees, leaving a small portion unaccounted for. Comparing these percentages with the corresponding percentages of the previous year, we find that the percentage of income derived from appropriations in 1888-89 exceeds that for 1887-88 by 4.47 per cent., and that for 1886-87 by 4.45 per cent.

Of the total amount received from tuition fees, 68.96 per cent. is reported by the Massachusetts Institute of Technology, and 17.11 per cent. by Cornell University, while the remaining 13.93 per cent. is distributed in small amounts among thirteen institutions.

The number of institutions of this class maintaining preparatory departments is constantly decreasing, thus affording more time and means to the instruction in collegiate branches. The Maryland Agricultural College, in its catalogue for 1888-89, states that the public educational facilities are believed to be such in all parts of the State as to render it unnecessary for the college to maintain a preparatory department.

TABLE 8.—*Summary of statistics of schools of science endowed by the national land grant for 1888-89.—PART I.*

[illegible]

PROGRESS IN FIVE YEARS.

In the report for 1887-88 an attempt was made to show the ratio of increase in the instructors, students, and productive funds of the land-grant colleges in 5 years. As these ratios virtually represent the entire growth of the schools, a similar scheme of tabulation (Table 9) has been prepared for this report, taking for basis the information received in the years 1883-84 and 1888-89.

The greatest ratio of increase in instructors is reported by Purdue University, in which institution the increase is 200 per cent. The decrease in the number of students in the five institutions reporting a decrease is due, very probably, to the reorganization of the institutions.

TABLE 9.—*Showing, for the colleges endowed with the national land grant, the percentage of increase or of decrease in instructors, students, and productive funds in 1888-89, as compared with 1883-84, according to returns made to this Office.*

| Name. | Instructors. | | Students. | | Productive funds. | |
|-------------------------------------------------------------|------------------|------------------|------------------|------------------|-------------------|------------------|
| | Increase. | Decrease. | Increase. | Decrease. | Increase. | Decrease. |
| | <i>Per cent.</i> | <i>Per cent.</i> | <i>Per cent.</i> | <i>Per cent.</i> | <i>Per cent.</i> | <i>Per cent.</i> |
| Alabama State Agricultural and Mechanical College. | 36.36 | ..... | 65.87 | ..... | 0 | 0 |
| Arkansas Industrial University..... | 37.50 | ..... | 61.23 | ..... | 0 | 0 |
| Colorado State Agricultural College. | 37.50 | ..... | 38.96 | ..... | ..... | ..... |
| Sheffield Scientific School of Yale University. | 10.71 | ..... | 44.61 | ..... | ..... | ..... |
| Delaware College..... | 33.33 | ..... | ..... | 50.00 | 0 | 0 |
| Southwest Georgia Agricultural College. | 33.33 | ..... | 48.11 | ..... | ..... | ..... |
| Middle Georgia Military and Agricultural College. | 9.09 | ..... | 8.91 | ..... | ..... | ..... |
| University of Illinois..... | 11.11 | ..... | 26.67 | ..... | 36.49 | ..... |
| Purdue University..... | 200.00 | ..... | 86.02 | ..... | 0 | 0 |
| Iowa Agricultural College..... | 20.00 | ..... | 12.70 | ..... | 1.91 | ..... |
| Kansas State Agricultural College. | 11.11 | ..... | 12.66 | ..... | 5.72 | ..... |
| Agricultural and Mechanical College of Kentucky. | 13.33 | ..... | 78.87 | ..... | 0 | 0 |
| Maine State College of Agriculture and the Mechanic Arts | 11.11 | ..... | 56.63 | ..... | 78.89 | ..... |
| Maryland Agricultural College..... | 40.00 | ..... | ..... | 12.25 | ..... | 2.22 |
| Massachusetts Agricultural College | 0 | 0 | 21.31 | ..... | 50.21 | ..... |
| Massachusetts Institute of Technology. | 65.52 | ..... | 59.54 | ..... | ..... | ..... |
| Michigan State Agricultural College. | 83.33 | ..... | 82.80 | ..... | 17.16 | ..... |
| Agricultural and Mechanical College of Mississippi. | 5.88 | ..... | 19.55 | ..... | 0 | 0 |
| Alcorn Agricultural and Mechanical College. | 75.00 | ..... | 53.19 | ..... | 0 | 0 |
| Missouri School of Mines and Metallurgy. | 16.67 | ..... | ..... | 40.91 | ..... | ..... |
| New Hampshire College of Agriculture and the Mechanic Arts. | 66.67 | ..... | 17.86 | ..... | 34.88 | ..... |
| Rutgers Scientific School..... | 5.56 | ..... | 40.98 | ..... | ..... | ..... |
| Cornell University..... | 63.64 | ..... | 146.74 | ..... | 26.24 | ..... |
| Oregon State Agricultural College .. | 50.00 | ..... | ..... | 29.29 | 33.33 | ..... |
| Pennsylvania State College..... | 31.25 | ..... | 83.65 | ..... | 3.50 | ..... |
| Clafin University..... | ..... | ..... | 152.27 | ..... | ..... | ..... |
| State Agricultural and Mechanical College of Texas. | 122.22 | ..... | 91.67 | ..... | 0 | 0 |
| Virginia Agricultural and Mechanical College. | ..... | ..... | ..... | 49.61 | ..... | ..... |
| Hampton Normal and Agricultural Institute. | 5.17 | ..... | 12.54 | ..... | ..... | ..... |

DISTRIBUTION OF STUDENTS IN PRACTICAL WORK.

Table 10 represents, as far as possible, the distribution of students of the land-grant colleges in the various lines of practical work afforded by the institutions. This representation is very incomplete, owing to the failure of many of the institutions to answer the inquiries on this subject. The table is an important one, for it shows not only the extent to which students avail themselves of the opportunities for practical training afforded them, but, taken in connection with similar tables in previous reports, it shows in which of these lines of practical work the institutions are developing most rapidly.

The general tendency of the work of these schools can only be determined by examining the ratios of the individual schools for the successive years. Ratios for the entire country, formed by using only the totals here given, would not be a fair representation for the entire country for two reasons: First, because several of the schools are not included in the representation; second, because the practical work of the schools is necessarily and properly determined by local conditions, for which reason the figures lose their significance when merged into a general sum.

The question relating to military tactics was answered as fully as could be expected. Of the total number of students in the schools answering this inquiry, 52.91 per cent. were engaged in military drill during the year. This is a very good showing when we take into consideration that of the total number of students in the same schools 17.12 per cent. are females.

TABLE 10.—*Showing, for the colleges endowed with the national land grant, the percentage of students engaged in practical work during the year 1888-89.*

| Name. | Total number of students. | Field and garden work. | | Surveying. | | Shop work. | | Laboratory. | | Observatory. | | Industrial art. | | Household industry. | | Military tactics. | |
|-----------------------------------------------------------------|---------------------------|------------------------|---------------------|------------|---------------------|------------|---------------------|-------------|---------------------|--------------|---------------------|-----------------|---------------------|---------------------|---------------------|-------------------|---------------------|
| | | Number. | Per cent. of total. | Number. | Per cent. of total. | Number. | Per cent. of total. | Number. | Per cent. of total. | Number. | Per cent. of total. | Number. | Per cent. of total. | Number. | Per cent. of total. | Number. | Per cent. of total. |
| Alabama State Agricultural and Mechanical College..... | 209 | 104 | 49.76 | 57 | 27.27 | 121 | 57.89 | 40 | 19.14 | ..... | ..... | 163 | 31.11 | ..... | ..... | 190 | 90.90 |
| Arkansas Industrial University..... | 524 | ..... | ..... | 16 | 3.05 | 120 | 22.90 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 198 | 37.79 |
| Colorado State Agricultural College..... | 107 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 96 | 81.68 |
| Delaware College..... | 23 | ..... | ..... | 11 | 37.33 | ..... | ..... | 13 | 44.83 | ..... | ..... | ..... | ..... | ..... | ..... | 24 | 82.76 |
| Florida State Agricultural College..... | 86 | 48 | 55.81 | 8 | 9.30 | 56 | 65.12 | 38 | 44.19 | ..... | ..... | 56 | 65.12 | ..... | ..... | 86 | 100.00 |
| North Georgia Agricultural College..... | 140 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 85 | 60.71 |
| University of Illinois..... | 418 | 11 | 2.63 | 35 | 8.37 | 97 | 23.21 | 92 | 22.01 | 2 | .48 | 166 | 39.71 | ..... | ..... | 300 | 71.77 |
| Purdue University..... | 439 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 100 | 22.78 |
| Iowa State Agricultural College..... | 284 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 185 | 65.14 |
| Kansas State Agricultural College..... | 445 | 56 | 12.58 | 34 | 7.64 | 176 | 39.55 | 109 | 24.49 | ..... | ..... | 243 | 54.61 | 165 | 37.30 | 170 | 38.20 |
| Agricultural and Mechanical College of Kentucky..... | 381 | 113 | 29.66 | 20 | 5.35 | 12 | 3.15 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 280 | 73.49 |
| Maine State College of Agriculture and the Mechanic Arts..... | 130 | 10 | 7.69 | 20 | 15.38 | 20 | 15.38 | 47 | 36.15 | ..... | ..... | ..... | ..... | ..... | ..... | 125 | 96.15 |
| Maryland Agricultural College..... | 43 | 0 | ..... | 12 | 27.91 | 0 | ..... | 25 | 58.14 | 0 | ..... | 21 | 48.84 | 0 | ..... | 43 | 100.00 |
| Massachusetts Agricultural College..... | 120 | (a) | ..... | (a) | ..... | ..... | ..... | (a) | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Massachusetts Institute of Technology..... | 828 | ..... | ..... | 140 | 16.91 | 194 | 23.43 | 500 | 60.29 | ..... | ..... | ..... | ..... | ..... | ..... | 250 | 30.19 |
| Michigan State Agricultural College..... | 240 | 228 | 67.00 | 77 | 22.65 | 167 | 49.12 | 119 | 35.00 | 20 | 5.88 | ..... | ..... | ..... | ..... | 305 | 89.71 |
| Agricultural and Mechanical College of Mississippi..... | 318 | 313 | 98.43 | 33 | 10.38 | ..... | ..... | 47 | 14.78 | ..... | ..... | ..... | ..... | ..... | ..... | 313 | 98.43 |
| Alcorn Agricultural and Mechanical College..... | 216 | 165 | 76.39 | 16 | 7.41 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| New Hampshire College of Agriculture and the Mechanic Arts..... | 33 | ..... | ..... | 5 | 15.15 | 23 | 69.70 | 19 | 57.58 | 6 | 18.18 | 0 | ..... | ..... | ..... | ..... | ..... |
| Pennsylvania State College..... | 191 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 105 | 54.97 |
| Cladun University..... | 946 | 25 | 2.64 | 3 | .32 | 95 | 10.04 | ..... | ..... | ..... | ..... | ..... | ..... | 320 | 33.83 | 225 | 23.78 |
| State Agricultural and Mechanical College of Texas..... | 207 | 120 | 57.97 | 24 | 11.59 | 170 | 82.13 | 15 | 7.25 | ..... | ..... | ..... | ..... | ..... | ..... | 200 | 96.62 |
| Virginia Agricultural and Mechanical College..... | 127 | 3 | 2.36 | 25 | 19.69 | 30 | 23.62 | 26 | 20.47 | ..... | ..... | ..... | ..... | ..... | ..... | 127 | 100.00 |
| Hampton Normal and Agricultural Institute..... | 635 | 101 | 15.42 | ..... | ..... | 170 | 25.95 | ..... | ..... | ..... | ..... | ..... | ..... | 225 | 34.35 | 246 | 37.56 |

a All the students in course take field and garden work, surveying, and laboratory.

DISTRIBUTION OF STUDENTS IN DEGREE COURSES.

Table 11 shows the distribution of students in the several degree courses of the land-grant colleges so far as reported. Omitting the schools not reporting this particular we find that 51.3 per cent. of the total number are in courses leading to the B. S. degree, 5.12 per cent. are in the A. B. degree, 3.87 per cent. in the B. L. course, 6.01 per cent. in the C. E. course, 2.96 per cent. in the M. E. course, 0.8 per cent. in the veterinary medical course, 0.61 per cent. in the Ph. G. course, and 9.94 per cent. in other first degree courses, leaving 19.39 per cent. not distributed in degree courses.

With few exceptions the schools included in Table 11 are purely scientific or technical in character, which accounts for the large proportion of students in scientific and technical courses. Five schools only report students in the A. B. course, one reports students in the B. L. course, while Cornell University reports students in both A. B. and B. L. courses.

TABLE 11.—Showing, for the colleges endowed by the national land grant, the percentage of collegiate students in the several degree courses during the year 1888-89.

| Name. | Total number of col- legiate students. | | A. B. course | | B. S. course. | | B. L. course. | | C. E. course. | | M. E. course | | Other first degree courses. | | Veterinary medical course. | | Ph. G. course. | |
|-----------------------------------------------------------------|-------------------------------------------|---|--------------|-------------------------------|---------------|-------------------------------|---------------|-------------------------------|---------------|-------------------------------|--------------|-------------------------------|-----------------------------------|-------------------------------|----------------------------------|-------------------------------|-------------------|-------------------------------|
| | Total number of col- legiate students. | | Number. | Per cent. of col- legiate. | Number. | Per cent. of col- legiate. | Number. | Per cent. of col- legiate. | Number. | Per cent. of col- legiate. | Number. | Per cent. of col- legiate. | Number. | Per cent. of col- legiate. | Number. | Per cent. of col- legiate. | Number. | Per cent. of col- legiate. |
| Alabama State Agricultural and Mechanical College..... | 130 | | | | | | | | 24 | 13.33 | | | | | | | | |
| Arkansas Industrial University..... | 85 | | | | 65 | 100.00 | | | | | | | | | | | | |
| Colorado State Agricultural College..... | 65 | | 25 | 86.21 | 4 | 13.79 | | | | | | | | | | | | |
| Delaware College..... | 29 | | 21 | 38.18 | 26 | 47.27 | | | 8 | 14.55 | | | | | | | | |
| Florida State Agricultural College..... | 55 | | | | | | | | | | | | | | | | | |
| Southwest Georgia Agricultural College..... | 33 | | | | | | | | | | | | | | | | | |
| North Georgia Agricultural College..... | 81 | | 37 | 45.68 | | | | | | | | | | | | | | |
| West Georgia Agricultural and Mechanical College..... | 61 | | 52 | 85.25 | 9 | 14.75 | | | | | | | | | | | | |
| University of Illinois..... | 293 | | | | 96 | 32.65 | | | 42 | 14.29 | 67 | 22.79 | | | 15 | 5.10 | 28 | 9.52 |
| Iowa State Agricultural College..... | 294 | | | | 115 | 40.78 | 82 | 29.08 | 27 | 9.57 | 32 | 11.35 | | | 22 | 7.80 | | |
| Kansas State Agricultural College..... | 282 | 0 | | | 438 | 100.00 | | | | | | | | | | | | |
| Agricultural and Mechanical College of Kentucky..... | 438 | | | | | | | | | | | | | | | | | |
| Maine State College of Agriculture and the Mechanic Arts..... | 210 | | | | 30 | 23.08 | | | 50 | 38.46 | 40 | 30.77 | | | | | | |
| Maryland Agricultural College..... | 130 | | | | 40 | 35.24 | | | | | | | | | | | | |
| Massachusetts Institute of Technology..... | 42 | | 120 | 100.00 | | | | | | | | | | | | | | |
| Massachusetts Institute of Technology..... | 827 | | 590 | 71.34 | | | | | | | | | | | | | | |
| Michigan Agricultural College..... | 321 | | 321 | 100.00 | | | | | | | | | | | | | | |
| Agricultural and Mechanical College of Mississippi..... | 177 | | 177 | 100.00 | | | | | | | | | | | | | | |
| Alcorn Agricultural and Mechanical College..... | 41 | | 41 | 100.00 | | | | | | | | | | | | | | |
| New Hampshire College of Agriculture and the Mechanic Arts..... | 33 | | 33 | 100.00 | | | | | | | | | | | | | | |
| Rutgers Scientific School..... | 86 | | 86 | 100.00 | | | | | | | | | | | | | | |
| Cornell University..... | 1,066 | | 83 | 7.78 | 67 | 6.29 | 97 | 9.10 | 126 | 11.82 | | | 459 | 43.05 | | | | |
| Oregon State Agricultural College..... | 65 | | | | 8 | 12.31 | | | | | | | | | | | | |
| Pennsylvania State College..... | 106 | | | | 103 | 97.17 | | | | | | | | | | | | |
| Cladun University..... | 21 | | 19 | 90.48 | | | | | | | | | | | | | | |
| Texas State Agricultural and Mechanical College..... | 201 | | | | | | | | | | | | | | | | | |
| Virginia Agricultural and Mechanical College..... | 108 | | 3 | 2.78 | | | | | 1 | .93 | | | 1 | .93 | | | | |

OCCUPATIONS OF GRADUATES OF SCHOOLS OF SCIENCE.

The question is frequently asked, "What proportion of the graduates of the land-grant colleges are engaged in agriculture and the mechanic arts?" The endeavor is here made to present in tabular form the data bearing upon this inquiry. Considerable difficulty has been experienced in collecting the required statistics, as many of the institutions do not publish a list of their alumni, while some publish a list without giving the occupations; altogether 14 land-grant institutions are included in the scheme (Table 12).

The total number of living graduates of these 14 institutions is 4,261, of which number the occupations of 417 are unknown, leaving 3,844 to be accounted for. Perhaps it would be well to note that a large proportion of those included under the head "unknown" are reported as being with manufacturing companies, railroads, etc., but no definite occupation is mentioned. Of the total number distributed 1,691 or 44 per cent. of the graduates are engaged in agriculture and mechanic arts or in occupations allied to them. Taking the table in detail we find that 8.3 per cent. are engaged in farming, 6.06 per cent. in land-grant colleges and agricultural experiment stations, 14.75 per cent. are engaged in engineering; 2.45 per cent. in architecture, 2.89 per cent. in manufactures, 2.16 per cent. as chemists, 1.93 per cent. as superintendents, 1.59 per cent. as draughtsmen, 1.48 per cent. as professors in colleges, 1.53 per cent. as editors, 4.84 per cent. as physicians, 1.53 per cent. as clergymen, 3.77 per cent. are students, 10.33 per cent. are teachers, including superintendents of schools, 11.29 per cent. are lawyers, and 9.29 per cent. are in business, leaving 15.81 per cent. distributed in several other occupations.

Considering the second part of the table, *i. e.*, those schools not endowed by the land grant, we find the total number of graduates is 1,999, of whom only 56.78 per cent. are engaged in technical occupations. Taking into consideration the fact that, with one exception, all the institutions included in the second part of the table are purely technological schools, and that five of the institutions in the first part of the table also maintain classical and literary courses of study, the showing made by the latter class is very good in comparison with that of the technological schools not endowed by the land grant.

TABLE 12.—Showing the occupations of graduates of land-grant colleges and technological schools.

| Name. | Number of living graduates. | Occupation. | | | | | | | | | | | | | | | | | | | | Occupations unknown. | | | | | | | | | | | | | |
|-------------------------------------------------------------|-----------------------------|-------------|------------|-----------|----------------|------------------------|-----------|------------------------------------------------------------|------------|-------------|------------|---------------|-------------------------------|---------|----------------|-----------------------|------------|-----------|-------------------------|----------|-------------|----------------------|------------|-----------|-----------|----------|-----------|------------|---------------------------------|---------|-----------|----------------|-----|-----|--|
| | | Farming. | Gardening. | Planters. | Stock-raisers. | Veterinary physicians. | Chemists. | Professors in land-grant colleges and experiment stations. | Engineers. | Architects. | Mechanics. | Electricians. | Superintendents and managers. | Miners. | Manufacturing. | U. S. Signal Service. | Surveyors. | Assayers. | Professors in colleges. | Editors. | Physicians. | | Clergymen. | Students. | Teachers. | Lawyers. | Business. | Druggists. | Married women or house-keepers. | Clerks. | Salesmen. | Miscellaneous. | | | |
| Arkansas Industrial University..... | 96 | 1 | | | 2 | 1 | | 4 | | | | | | | | | 1 | | 2 | 2 | 5 | | | 19 | 27 | 1 | | 13 | 7 | 1 | | 13 | | | |
| Colorado State Agricultural College..... | 18 | | | | | | | 4 | | | | | | | | | | | | | | | | 7 | | 2 | | | | | | 2 | | | |
| University of Illinois..... | 532 | 47 | 2 | | | 1 | 8 | 14 | 52 | 24 | 19 | 8 | 12 | | | 9 | 1 | | 4 | 10 | 25 | 3 | 8 | 52 | 48 | 35 | 6 | 56 | 16 | | 37 | 35 | | | |
| Kansas State Agricultural College..... | 98 | 16 | 2 | | | | | 16 | | | 3 | | | | | | 2 | | | | | | | 17 | 8 | 10 | | 13 | 2 | | 4 | 5 | | | |
| Maine State College of Agriculture and Mechanic Arts..... | 263 | 15 | 1 | | | 1 | 1 | 16 | 65 | | | | 21 | | | 9 | 3 | 2 | | 3 | 9 | 3 | 7 | 22 | 12 | 14 | 6 | 8 | 6 | 4 | 12 | 23 | | | |
| Massachusetts Agricultural College..... | 278 | 46 | 14 | 4 | 9 | 7 | 9 | 28 | 14 | | | | | | 4 | | | | | | 15 | 4 | 12 | 13 | 10 | 66 | 4 | | | | | 12 | 3 | | |
| Massachusetts Institute of Technology..... | 622 | 1 | 1 | | | | 34 | 51 | 129 | 13 | 2 | 6 | 68 | 22 | | 17 | 1 | | 19 | 2 | 25 | 5 | 20 | 10 | 5 | 18 | 2 | | | 14 | 7 | 38 | 138 | | |
| Michigan Agricultural College..... | 334 | 93 | 15 | | 7 | 2 | 2 | 27 | 13 | 3 | | | | | 6 | | | | | | 25 | 5 | 6 | 9 | 53 | 41 | 33 | 9 | 5 | 15 | 8 | 18 | | 1 | |
| New Hampshire College of Agriculture and Mechanic Arts..... | 117 | 28 | | | | | | 1 | 7 | 2 | | | | | | | 6 | 6 | | | | | | 6 | 9 | 2 | 32 | | | | | 2 | | | |
| Rutgers Scientific School..... | 140 | 5 | | | 1 | | 6 | 4 | 38 | 1 | | | | 4 | 2 | | 13 | | | 2 | 1 | 13 | 1 | 5 | 3 | 8 | 11 | | | | | 13 | 4 | | |
| Cornell University..... | 1,352 | 45 | | | | 11 | 55 | 223 | 51 | | | | | | | 39 | | | 29 | 83 | 65 | 30 | 65 | 162 | 235 | 110 | | | | | 28 | | 50 | 121 | |
| Ohio State University..... | 1,144 | 1 | | | 1 | 3 | 6 | 9 | 1 | | 1 | | | 1 | 3 | | 2 | 3 | 1 | | 1 | 4 | 7 | 3 | 14 | 20 | 11 | | 5 | 3 | | 6 | 42 | | |
| Pennsylvania State College..... | 134 | 17 | 1 | | 1 | 8 | | 7 | 8 | 1 | | | | | | 4 | 1 | | | | | 3 | 4 | 5 | 6 | 20 | 15 | | | 6 | 9 | 6 | | | |
| Texas State Agricultural and Mechanical College..... | 83 | 4 | 1 | | 1 | | | 7 | | | | | | | | 1 | 1 | | | | | | 3 | 3 | 4 | 7 | 9 | 1 | | | 4 | 1 | 3 | 24 | |
| Total..... | 4,261 | 319 | 87 | 4 | 23 | 12 | 83 | 233 | 567 | 94 | 28 | 20 | 74 | 61 | | 111 | 19 | 6 | | 57 | 59 | 186 | 59 | 145 | 397 | 434 | 357 | 31 | 100 | 103 | 21 | 264 | 417 | | |
| Colorado State School of Mines..... | 2169 | | | | | 13 | | | 4 | | | | 15 | | 20 | | 14 | 29 | | | | 7 | | | 4 | 2 | | | | | | 17 | 24 | | |
| Rose Polytechnic Institute..... | 38 | | | | | | | 1 | | | | | 2 | 1 | | | | | | | | | | | | | | | | | | 1 | 19 | | |
| Worcester Polytechnic Institute..... | 383 | | | | | 19 | | 1 | 75 | 5 | 10 | 21 | 63 | 98 | | | | | | | | | | 12 | 28 | | | | | | | 36 | | | |
| Stevens Institute of Technology..... | 232 | | | | | 2 | | 2 | 44 | | 2 | 5 | 31 | 15 | | | 15 | | | 12 | 3 | | 3 | 5 | 4 | 2 | | | | | 3 | 1 | 63 | 20 | |
| Rensselaer Polytechnic Institute..... | 766 | 7 | 1 | 7 | 1 | 5 | | 255 | 4 | | 2 | 59 | 2 | | | | 62 | 12 | | | 32 | 4 | 11 | 6 | 6 | 3 | 18 | 50 | 2 | | 12 | 3 | 39 | 163 | |
| Case School of Applied Science..... | 23 | | | | | 1 | | 9 | | | | | | | | | | | | | 3 | | | 2 | 1 | | | | | | | | | | |
| Lough University..... | 360 | 1 | | | | 9 | | 1 | 98 | 2 | | 1 | 35 | 11 | | 1 | 2 | 1 | | | 13 | 3 | 6 | 1 | 15 | 9 | 12 | 11 | | | 16 | | 18 | 95 | |
| New Market Polytechnic Institute..... | 28 | 1 | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| Total..... | 1,999 | 9 | 1 | 8 | 1 | | 49 | 3 | 491 | 11 | 12 | 32 | 212 | 87 | 20 | 80 | | 28 | 31 | | 60 | 13 | 28 | 8 | 47 | 54 | 39 | 135 | 2 | | 35 | 4 | 174 | 325 | |

a Former students.

TABLE 13.—Statistics of schools of science endowed by the national land grant for 1888-89.—PART I.

| Location. | Name. | President. | Date of charter. | Year of first opening. | Professors and instructors. | | | Students. | | | | | | | | | | | |
|-----------|---------------------------|-------------------------------------------|------------------|------------------------|-----------------------------------|----------------------------------|---------------|-----------------------------------|-----|---------|--------|----------------------------------|-----|---------|-----|-------------------------------|-----|---------|--------|
| | | | | | Number in preparatory department. | Number in collegiate department. | Total number. | Number in preparatory department. | | | | Number in collegiate department. | | | | Number of resident graduates. | | | |
| | | | | | | | | Male. | | Female. | | Male. | | Female. | | Male. | | Female. | |
| | | | | | 6 | 7 | 8 | 9 | 10 | 11 | Total. | 12 | 13 | 14 | 15 | 16 | 17 | 18 | Total. |
| 1 | Auburn, Ala..... | William Le Roy Brown, M. A., LL. D. | 1872 | 1872 | 2 | 13 | 15 | 22 | 0 | 22 | 180 | 0 | 180 | 7 | 0 | 7 | 209 | 0 | 209 |
| 2 | Fayetteville, Ark.... | E. H. Murfee, LL. D. | 1871 | 1872 | 5 | 17 | 22 | 236 | 121 | 417 | 63 | 22 | 85 | 1 | 1 | 2 | 360 | 164 | 524 |
| 3 | Fort Collins, Colo.... | Charles Lee Ingersoll, M. S. | 1877 | 1879 | 1 | 10 | 11 | 29 | 12 | 41 | 36 | 29 | 65 | 1 | 0 | 1 | 66 | 41 | 107 |
| 4 | New Haven, Conn.. | George J. Brush, LL. D., director. | 1847 | 1847 | 0 | 31 | 31 | 0 | 0 | 0 | 284 | 0 | 284 | 24 | 0 | 24 | 308 | 0 | 308 |
| 5 | Newark, Del..... | Albert N. Raub, A. M., PH. D. | 1870 | 1871 | 0 | 8 | 8 | 0 | 0 | 0 | 29 | 0 | 29 | 0 | 0 | 0 | 29 | 0 | 29 |
| 6 | Lake City, Fla..... | F. L. Kern, A. M. | 1870 | 1883 | 6 | 28 | 0 | 28 | 55 | 0 | 55 | 3 | 0 | 3 | 86 | 0 | 86 | 0 | 86 |
| 7 | Cuthbert, Ga..... | A. J. Clark | 1879 | 1879 | 2 | 4 | 124 | 0 | 124 | 33 | 0 | 33 | 0 | 0 | 0 | 157 | 0 | 157 | 0 |
| 8 | Dahlonega, Ga..... | William S. Basinger | 1871 | 1872 | ... | 6 | 6 | 46 | 13 | 59 | 69 | 12 | 81 | 0 | 0 | 0 | 115 | 25 | 140 |
| 9 | Hamilton, Ga..... | Henry A. Hayes, A. B. | 1881 | 1881 | 2 | 2 | 4 | 32 | 24 | 56 | 33 | 28 | 61 | ... | ... | 65 | 52 | 117 | ... |
| 10 | Milledgeville, Ga... | Gen. D. H. Hill, LL. D. | 1880 | 1880 | 5 | 7 | 12 | ... | 150 | ... | 178 | ... | ... | ... | ... | ... | ... | ... | 428 |
| 11 | Urbana, Ill..... | Selim H. Peabody, PH. D., LL. D., regent. | 1867 | 1868 | ... | ... | 30 | 107 | 14 | 121 | 236 | 57 | 293 | 3 | 1 | 4 | 346 | 72 | 418 |
| 12 | La Fayette, Ind.... | James H. Smart, LL. D. | 1862 | 1874 | ... | ... | 33 | 70 | 41 | 111 | 236 | 58 | 294 | 10 | 8 | 18 | 325 | 114 | 439 |
| 13 | Ames, Iowa..... | W. L. Chamberlain, A. M., LL. D. | 1857 | 1869 | 0 | 24 | 24 | 0 | 0 | 199 | 83 | 282 | 2 | 0 | 2 | 201 | 83 | 284 | ... |
| 14 | Manhattan, Kans... | George T. Fairchild, A. M. | 1863 | 1863 | 0 | 20 | 20 | 0 | 0 | 0 | 261 | 176 | 437 | 6 | 1 | 7 | 267 | 177 | 444 |
| 15 | Lexington, Ky..... | James K. Patterson, PH. D., F. S. A. | 1863 | 1866 | 5 | 12 | 17 | 151 | 20 | 171 | 186 | 24 | 210 | ... | ... | 337 | 44 | 381 | ... |
| 16 | Orono, Me..... | M. C. Fernald, A. M., PH. D. | 1865 | 1868 | 0 | 10 | 10 | 0 | 0 | 0 | 128 | 2 | 130 | 0 | 0 | 0 | 128 | 2 | 130 |
| 17 | Agricultural College, Md. | Henry E. Alvord, C. E. | 1856 | 1859 | 0 | 7 | 7 | 0 | 0 | 0 | 42 | 0 | 42 | 1 | 0 | 1 | 43 | 0 | 43 |

| | | | | | | | | | | | | | | | | | | | |
|----|----------------------------------|------------------------------------------------------------------|------------------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|
| 18 | Amherst, Mass | Massachusetts Agricultural College | Henry H. Goodell, A. M. | 1863 | 1867 | 0 | 11 | 11 | 0 | 0 | 0 | 120 | 0 | 120 | 0 | 10 | 130 | 0 | 130 |
| 19 | Boston, Mass | Massachusetts Institute of Techno- logy. | Francis A. Walker, Ph. D., LL. D. | 1861 | 1865 | 0 | 96 | 96 | 0 | 0 | 0 | 794 | 33 | 827 | 1 | 0 | 1 | 795 | 33 |
| 20 | Agricultural Col- lege, Mich. | Michigan State Agricultural College | Oscar Clute, M. S. | 1855 | 1857 | 0 | 22 | 22 | 0 | 0 | 0 | 305 | 16 | 321 | 19 | 0 | 19 | 324 | 16 |
| 21 | Agricultural Col- lege, Miss. | Agricultural and Mechanical Col- lege of Mississippi. | Gen. Stephen D. Lee | 1878 | 1880 | 4 | 14 | 18 | 136 | 0 | 136 | 177 | 0 | 177 | 5 | 0 | 5 | 313 | 0 |
| 22 | Rodney, Miss. | Alabama Agricultural and Mechan- ical College. | John H. Burrus, M. A. | 1871 | 1871 | 3 | 4 | 7 | 103 | 7 | 175 | 38 | 3 | 41 | 0 | 0 | 0 | 205 | 10 |
| 23 | Rolla, Mo. | Missouri School of Mines and Metal- lurgy. | S. S. Laws, LL. D. | 1839 | 1871 | ..... | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 65 | 0 | 65 |
| 24 | Hanover, N. H. | New Hampshire College of Agricul- ture and the Mechanic Arts. | Hon. George W. Nesmith, LL. D. | 1866 | 1868 | 0 | 10 | 10 | 0 | 0 | 0 | 33 | 0 | 33 | 0 | 0 | 0 | 33 | 0 |
| 25 | New Brunswick, N. J. | Rutgers Scientific School | Morrill Edwards Gates, Ph. D. | 1766 | 1865 | 0 | 19 | 19 | 0 | 0 | 0 | 86 | 0 | 86 | ..... | ..... | 86 | 0 | 86 |
| 26 | Ithaca, N. Y. | Cornell University | Charles Kendall Adams, LL. D. | 1865 | 1868 | 0 | 90 | 90 | 0 | 0 | 0 | 957 | 109 | 1,066 | 39 | 30 | 09 | 996 | 139 |
| 27 | Corvallis, Oreg. | State Agricultural College | B. L. Arnold | 1862 | 1868 | 1 | 8 | 9 | 21 | 7 | 28 | 42 | 23 | 65 | 3 | 3 | 6 | 68 | 33 |
| 28 | State College, Pa. | Pennsylvania State College | George W. Altherton, LL. D. | 1855 | 1859 | 4 | 17 | 21 | 66 | 16 | 82 | 96 | 10 | 106 | 3 | 0 | 3 | 165 | 26 |
| 29 | Orangeburg, S. C. | Claff University | Rev. L. M. Dutton, A. M., D. D. | 1872 | 1872 | ..... | ..... | 10 | 548 | 377 | 925 | 19 | 2 | 21 | ..... | ..... | ..... | 567 | 379 |
| 30 | College Station, Tex. | State Agricultural and Mechanical College of Texas. | Louis L. McJannet, chairman of the faculty. | 1871 | 1876 | 0 | 20 | 20 | 0 | 0 | 0 | 201 | 0 | 201 | 6 | 0 | 6 | 207 | 0 |
| 31 | Blacksburgh, Va. | Virginia Agricultural and Mechan- ical College. | General L. L. Lomax | 1872 | 1872 | 1 | 8 | 9 | 15 | 0 | 15 | 108 | 0 | 108 | 4 | 0 | 4 | 127 | 0 |
| 32 | Hampton, Va. | Hampton Normal and Agricultural Institute. | Samuel C. Armstrong | 1870 | 1868 | ..... | 61 | 418 | 237 | 655 | ..... | ..... | ..... | ..... | ..... | ..... | 418 | 237 | 655 |

a Includes 16 non-resident graduates.

TABLE 13.—Statistics of schools of science endowed by the national land grant for 1888-89.—PART II.

| Name. | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
|--------------------------------------------------------------|-------------------------------|------------------------|---------------------------|---------------------------|-------------------------------|----------------------------|------------------------------|---------------------------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|------------------------------------------------------------|-----------------------------|---------------|---------------|
| | Number of endowed professors. | Number of fellowships. | Number of State scholars. | Number of other scholars. | Number of volumes in library. | Annual charge for tuition. | Amount of matriculation fee. | Amount of graduation fee. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Amount of State or municipal aid received within the year. | Receipts from tuition fees. | Total income. | Benefactions. |
| 1 State Agricultural and Mechanical College. | 0 | 0 | | | 1,500 | 0 | \$5 | \$5 | \$19,000 | \$112,000 | \$253,500 | \$20,280 | \$60,908 | \$825 | \$32,013 | |
| 2 Arkansas Industrial University. | 0 | 0 | 21,066 | 0 | 4,329 | \$10 | 5 | 0 | | 300,000 | 120,000 | 10,400 | 17,500 | 1,000 | 29,900 | 0 |
| 3 State Agricultural College. | 0 | 0 | | 0 | 1,600 | 0 | 5 | 10 | | 98,789 | 13,000 | 1,500 | 20,000 | 0 | 440,800 | |
| 4 Sheffield Scientific School of Yale University. | | | 23 | 1 | 6,000 | 150 | | 10 | | | | | | | | |
| 5 Delaware College. | | | 30 | 10 | 4,500 | 60 | 5 | 5 | | 40,000 | 83,000 | 4,980 | 7,000 | | 4,980 | |
| 6 Florida State Agricultural College. | | | | | 2,000 | 0 | 5 | 5 | 2,000 | 60,000 | 153,000 | 9,000 | 2,000 | 1,000 | 10,000 | |
| 7 Southwest Georgia Agricultural College. | | | | | | | | | | 5,000 | | | | | 3,000 | |
| 8 North Georgia Agricultural College. | | | | | | 0 | 5 | | 500 | 30,000 | 5,000 | | 5,500 | 1,200 | 7,000 | |
| 9 West Georgia Agricultural and Mechanical College. | | | | | 1,000 | 25 | 1½ | 5 | | 10,000 | | | | | 1,200 | |
| 10 Middle Georgia Military and Agricultural College. | | | | | 3,000 | 0 | 2½-10 | | | | | | | | | |
| 11 University of Illinois. | 0 | 0 | 5 | 0 | 18,000 | 0 | 10 | 5 | 133,118 | 450,000 | 438,769 | 21,537 | 34,192 | 11,144 | 66,893 | 0 |
| 12 Purdue University. | | | | | 5,000 | | 5 | 5 | 50,000 | 270,000 | 340,000 | 17,000 | 24,000 | 45,000 | 46,000 | |
| 13 Iowa Agricultural College. | 0 | 0 | | 0 | 9,000 | 0 | 0 | 5 | 20,000 | 300,000 | 650,000 | 45,000 | 5,000 | 0 | 653,000 | |
| 14 Kansas State Agricultural College. | 0 | 0 | | | 9,000 | 0 | 0 | 0 | 46,350 | 161,000 | 501,435 | 31,686 | 7,975 | 0 | 46,221 | 0 |
| 15 Agricultural and Mechanical College of Kentucky. | | | 476 | | | 15 | 5 | 0 | | 200,000 | 175,000 | 9,900 | 24,000 | 2,700 | 36,000 | |
| 16 Maine State College of Agriculture and the Mechanic Arts. | | | | | 5,800 | 30 | | 3 | 20,000 | 175,000 | 231,300 | 11,638 | 15,000 | 3,300 | 444,338 | \$1,300 |
| 17 Maryland Agricultural College. | 0 | 0 | | 0 | 2,500 | 0 | 0 | 0 | 1,000 | 75,000 | 110,000 | 6,200 | 6,000 | 0 | 14,200 | 0 |
| 18 Massachusetts Agricultural College. | 0 | 0 | 80 | 15 | 8,708 | | 0 | 5 | | 233,810 | 360,575 | 11,442 | 10,000 | 960 | 22,473 | |
| 19 Massachusetts Institute of Technology. | 4 | 1 | 20 | 20 | 13,340 | 200 | 0 | 0 | | 688,900 | | 10,500 | 102,624 | 154,151 | 267,275 | 17,000 |
| 20 Michigan State Agricultural College. | 0 | 0 | 0 | 0 | 11,000 | 15 | 5 | 5 | 17,802 | 339,081 | 448,350 | 31,838 | 16,798 | 367 | 59,183 | |
| 21 Agricultural and Mechanical College of Mississippi. | 0 | 0 | 300 | 0 | 2,949 | 27 | 5 | 0 | 47,388 | 111,885 | 98,575 | 4,929 | 17,568 | 0 | 22,568 | 0 |

| | | | | | | | | | | | | | | | | | |
|----|-------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------|-----------|---------|--------|--------|---------|-------|
| 22 | Alcorn Agricultural and Mechanical College. | ..... | ..... | ..... | 1,236 | 15 | ..... | ..... | ..... | 190 | 50,000 | 113,575 | 5,679 | 3,821 | 94 | 9,594 | 0 |
| 23 | Missouri School of Mines and Metallurgy. | 0 | 0 | 0 | ..... | 20 | 10 | 5 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 24 | New Hampshire College of Agriculture and the Mechanic Arts. | 0 | 0 | ..... | 24 | 30 | ..... | 2 | ..... | 2,500 | 75,000 | 107,900 | 7,253 | 3,000 | 0 | 25,253 | 0 |
| 25 | Rutgers Scientific School. | 2 | 8 | 50 | 36 | 75 | ..... | ..... | ..... | 422,297 | 930,736 | 4,528,351 | 255,560 | 15,000 | 38,475 | 329,811 | ..... |
| 26 | Cornell University. | ..... | ..... | 112 | 1,500 | 15 | ..... | ..... | ..... | 4,000 | 40,000 | 100,000 | 8,000 | 2,500 | 700 | 11,200 | 500 |
| 27 | State Agricultural College. | ..... | ..... | 50 | 7,000 | 0 | 0 | 0 | ..... | 20,000 | 320,000 | 517,500 | 31,020 | 58,750 | 0 | 81,020 | ..... |
| 28 | Pennsylvania State College. | 0 | 0 | 0 | 51 | 3 | ..... | 2,3 | ..... | 800 | 60,000 | 0 | 0 | 10,800 | 4,000 | 20,000 | 1,400 |
| 29 | Cladon University. | 0 | 0 | 0 | 0 | 0 | ..... | 5 | ..... | 67,015 | 234,162 | 200,000 | 14,280 | 15,000 | 0 | 30,500 | 0 |
| 30 | State Agricultural and Mechanical College of Texas. | ..... | ..... | ..... | 3,500 | 0 | ..... | ..... | ..... | 2,000 | 56,400 | ..... | ..... | 20,000 | ..... | ..... | ..... |
| 31 | Virginia Agricultural and Mechanical College. | 0 | 0 | 200 | 0 | ..... | ..... | 5 | ..... | ..... | 500,000 | 180,000 | 6,500 | 10,329 | ..... | 98,000 | ..... |
| 32 | Hampton Normal and Agricultural Institute. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

^a Includes an appropriation of \$50,000 for college building. The college also received \$30,000 on insurance policies of burned building.

^b Free tuition.

^c Includes \$15,000 for experiment station.

^d From incidental fees.

^e For non-residents.

^f For buildings.

TABLE 14. — Summary of statistics of schools of science not endowed with the national land grant for 1888-89.

| State or Territory. | Number of institutions. | | Professors and instructors. | | Students. | | | | Number of endowed professorships. | Number of fellowships. | Number of State scholarships. | Number of other scholarships. | Number of volumes in libraries. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Amount of State or municipal aid received within the year. | Receipts from tuition fees. | Total income. | Benefactions. |
|----------------------------|-----------------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------|---|-----------------------------------|------------------------|-------------------------------|-------------------------------|---------------------------------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|------------------------------------------------------------|-----------------------------|---------------|---------------|
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | | | | | | | | |
| | Number in preparatory department. | Number in collegiate department. | Total number. | Number in preparatory department. | Number in collegiate department. | Number of resident graduates. | Total number. | | | | | | | | | | | | | | |
| California | 2 | 7 | 17 | 105 | 86 | 191 | 191 | 0 | 0 | 0 | 0 | 25 | 2,400 | \$3,000 | \$163,000 | \$950,000 | \$23,000 | \$24,000 | \$4,800 | \$27,800 | 0 |
| Colorado | 1 | 0 | 7 | 5 | 49 | 1 | 50 | 0 | 0 | 0 | 0 | 0 | 1,368 | 9,000 | 40,000 | 0 | 0 | \$24,000 | 0 | 24,000 | 0 |
| Connecticut | 1 | 1 | 5 | 22 | 33 | 40 | 284 | 0 | 0 | 0 | 0 | 0 | 1,481 | 1,480 | 2,200 | 0 | 0 | 18,000 | 470 | 18,470 | 0 |
| Dakota | 2 | 1 | 17 | 84 | 96 | 96 | 284 | 0 | 0 | 0 | 0 | 0 | 2,800 | 17,000 | 125,000 | 0 | 0 | 42,000 | 0 | 42,000 | \$200 |
| District of Columbia | 1 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 1 | 0 | 10 | 14 | 0 | 138 | 138 | 0 | 0 | 0 | 0 | 0 | 6,000 | 35,000 | 150,000 | 450,000 | 23,000 | 0 | 10,000 | 33,000 | 0 |
| Indiana | 1 | 0 | 10 | 14 | 0 | 138 | 138 | 0 | 0 | 0 | 0 | 0 | 6,000 | 35,000 | 150,000 | 450,000 | 23,000 | 0 | 10,000 | 33,000 | 0 |
| Massachusetts | 4 | 4 | 43 | 47 | 209 | 209 | 483 | 4 | 1 | 0 | 0 | 0 | 3,000 | 1,000 | 100,000 | 0 | 0 | 17,500 | 0 | 17,500 | 0 |
| Michigan | 1 | 0 | 5 | 5 | 0 | 77 | 77 | 0 | 0 | 0 | 0 | 5 | 130 | 1,500 | 400,000 | 400,000 | 23,000 | 0 | 28,000 | 64,000 | 29,000 |
| New Hampshire | 2 | 0 | 16 | 16 | 0 | 175 | 175 | 1 | 1 | 19 | 45 | 45 | 21,876 | 5,000 | 55,000 | 300,000 | 23,000 | 10,000 | 0 | 64,000 | 29,000 |
| New Jersey | 2 | 1 | 56 | 100 | 391 | 11 | 4,047 | 1 | 1 | 19 | 45 | 45 | 4,750 | 8,200 | 450,000 | 2,000,000 | 17,750 | 12,000 | 0 | 64,450 | 3,525 |
| New York | 4 | 3 | 15 | 27 | 151 | 151 | 657 | 1 | 1 | 19 | 45 | 45 | 4,750 | 8,200 | 450,000 | 2,000,000 | 17,750 | 12,000 | 0 | 64,450 | 3,525 |
| Ohio | 3 | 15 | 27 | 151 | 387 | 387 | 842 | 0 | 0 | 0 | 0 | 0 | 99,047 | 13,500 | 1,180,000 | 2,035,000 | 17,750 | 12,000 | 0 | 62,000 | 45,000 |
| Pennsylvania | 3 | 31 | 40 | 0 | 131 | 0 | 131 | 0 | 0 | 0 | 0 | 0 | 1,000 | 1,500 | 250,000 | 0 | 0 | 20,000 | 0 | 34,879 | 10,000 |
| South Carolina | 1 | 0 | 7 | 0 | 6 | 48 | 54 | 0 | 0 | 0 | 0 | 0 | 3,000 | 5,100 | 35,000 | 0 | 0 | 500 | 0 | 36,000 | 3,000 |
| Vermont | 1 | 1 | 8 | 9 | 6 | 48 | 54 | 0 | 0 | 0 | 0 | 0 | 3,000 | 5,100 | 35,000 | 0 | 0 | 500 | 0 | 36,000 | 3,000 |
| Virginia | 2 | 1 | 16 | 20 | 37 | 232 | 273 | 0 | 0 | 0 | 50 | 4 | 10,500 | 5,100 | 392,500 | 20,000 | 1,200 | 30,000 | 9,500 | 43,700 | 25 |
| Total | 32 | 11 | 241 | 389 | 302 | 2,133 | 7,716 | 7 | 20 | 50 | 93 | 157,352 | 101,280 | 2,852,700 | 6,155,000 | 87,950 | 87,950 | 163,000 | 65,270 | 469,799 | 90,750 |

TABLE 15.—Statistics of schools of science not endowed with the national land grant for 1888-89.—PART I.

| Location. | Name. | President. | Date of charter. | Year of first opening. | Professors and instructors. | | | | Students. | | | | Number of years in collegiate course. | Number of endowed professorships. | Number of fellowships. | Number of State scholarships. | Number of other scholarships. |
|----------------------------|---------------------------------------------------------------------|-------------------------------------------------|------------------|------------------------|-----------------------------------|----------------------------------|---------------|-----|-----------------------------------|----------------------------------|-------------------------------|---------------|---------------------------------------|-----------------------------------|------------------------|-------------------------------|-------------------------------|
| | | | | | Number in preparatory department. | Number in collegiate department. | Total number. | | Number in preparatory department. | Number in collegiate department. | Number of resident graduates. | Total number. | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 1 Ontario, Cal. | Chaffey College of Agriculture (University of Southern California). | William Trafton Randall | 1882 | 1887 | 7 | ... | 7 | 75 | ... | ... | ... | 75 | ... | ... | ... | ... | ... |
| 2 San Francisco, Cal. | Cogswell Polytechnical College | James G. Kennedy | 1888 | 1887 | 10 | 30 | 86 | 0 | 116 | ... | ... | ... | 0 | 0 | 0 | 0 | 25 |
| 3 Golden, Colo. | Colorado State School of Mines | Regis Chauvenet, A. M., B. S. | 1874 | 1874 | 7 | 0 | 49 | 1 | 50 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 Mansfield, Conn. | Storrs Agricultural School | B. F. Koons, A. M., Ph. D. | 1881 | 1881 | 5 | ... | 5 | ... | 40 | 3 | ... | ... | ... | ... | ... | ... | ... |
| 5 Brookings, Dak. | Dakota Agricultural College | Lewis McLouth, A. M., Ph. D. | 1881 | 1884 | 16 | ... | 16 | 77 | 244 | ... | ... | ... | 0 | 0 | 0 | 0 | 0 |
| 6 Rapid City, Dak. | Dakota School of Mines | Franklin R. Carpenter, A. M. | 1885 | 1887 | 1 | 5 | 6 | 7 | 33 | ... | ... | ... | 34 | 0 | 0 | 0 | 0 |
| 7 Washington, D. C. | Coker Scientific School (Columbian University). | James C. Welling, LL. D. | 1821 | 1881 | 0 | 17 | 17 | 0 | 96 | ... | ... | ... | 4 | 0 | 0 | 0 | 0 |
| 8 Atlanta, Ga. | State School of Technology | Isaac S. Hopkins, Ph. D., D. D. | 1887 | 1887 | 6 | ... | 6 | ... | 136 | 4 | ... | ... | ... | ... | ... | ... | ... |
| 9 Terre Haute, Ind. | Rose Polytechnic Institute | T. C. McIndenall, LL. D. | 1874 | 1883 | 0 | 10 | 14 | 0 | 138 | 3 | ... | ... | ... | ... | ... | ... | ... |
| 10 Cambridge, Mass. | Lawrence Scientific School (Harvard University). | Winfield S. Chaplin, A. M., dean .. | 1650 | 1848 | 0 | 20 | 20 | 0 | 35 | 0 | ... | ... | 3 | ... | ... | ... | ... |
| 11 Jamaica Plain, Mass. .. | Bussey Institution (Harvard University). | Francis H. Storer, S. B., A. M., dean. | 1650 | 1871 | 0 | 6 | 6 | 0 | 6 | ... | ... | ... | ... | ... | ... | ... | ... |
| 12 New Bedford, Mass. | Swan Free School | Andrew Ingraham, master | 1881 | 1882 | 4 | ... | 4 | ... | 274 | ... | ... | ... | ... | ... | ... | ... | ... |
| 13 Worcester, Mass. | Worcester Polytechnic Institute | Homar T. Fuller, Ph. D. | 1865 | 1868 | 0 | 17 | 17 | 0 | 163 | ... | ... | ... | ... | ... | ... | 20 | 115 |
| 14 Houghton, Mich. | State Mining School | Marshall E. Wadsworth, A. M., Ph. D., director. | 1885 | 1886 | 0 | 5 | 5 | ... | 39 | 2 | ... | ... | ... | ... | 1 | 0 | 0 |
| 15 Hanover, N. H. | Chandler Scientific Department of Dartmouth College. | Rev. Samuel C. Bartlett, D. D., LL. D. | 1769 | 1852 | 0 | 14 | 14 | 0 | 67 | 0 | ... | ... | 4 | ... | ... | ... | *5 |
| 16 ....do | Thayer School of Civil Engineering (Dartmouth College). | Rev. Samuel C. Bartlett, D. D., LL. D. | 1769 | 1871 | 0 | 2 | 2 | 0 | 10 | ... | ... | ... | 2 | ... | ... | ... | ... |
| 17 Hoboken, N. J. | Stevens Institute of Technology | Henry Morton, Ph. D. | 1870 | 1871 | 24 | ... | 24 | ... | 105 | 0 | ... | ... | 4 | 1 | 0 | 0 | ... |
| 18 Newark, N. J. | Newark Technical School | Charles A. Colton, E. M. | 1885 | 1885 | 1 | 5 | 6 | 70 | 105 | ... | ... | ... | 4 | 0 | 0 | 0 | 0 |

b Partially.

a Includes four instructors in workshops.

TABLE 15.—Statistics of schools of science not endowed with the national land grant for 1888-89.—PART I—Continued.

| Location. | Name. | President. | Date of charter. | Year of first opening. | Professors and instructors. | | | Students. | | | | Number of years in collegiate course. | Number of endowed professorships. | Number of fellowships. | Number of State scholarships. | Number of scholarships. |
|-----------------------------|----------------------------------------------------------------|---------------------------------------------|------------------|------------------------|-----------------------------------|----------------------------------|---------------|-----------------------------------|----------------------------------|-------------------------------|---------------|---------------------------------------|-----------------------------------|------------------------|-------------------------------|-------------------------|
| | | | | | Number in preparatory department. | Number in collegiate department. | Total number. | Number in preparatory department. | Number in collegiate department. | Number of resident graduates. | Total number. | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 19 New York, N. Y..... | Cooper Union Free Night Schools of Science and Art..... | George W. Plympton, A. M., C. E., director. | ..... | 1859 | ..... | ..... | 36 | ..... | ..... | ..... | 3,515 | ..... | ..... | ..... | ..... | ..... |
| 20 ..do | Hebrew Technical Institute..... | Henry M. Leipziger, Ph. D., director. | 1884 | 1884 | ..... | ..... | 8 | ..... | ..... | ..... | 130 | 3 | ..... | ..... | ..... | ..... |
| 21 ..do | School of Mines of Columbia College.. | Henry Drisler, LL. D., acting president. | 1754 | 1864 | 0 | 29 | 39 | 0 | 230 | 8 | 238 | 4 | 0 | 19 | ..... | 45 |
| 22 Troy, N. Y..... | Rensselaer Polytechnic Institute..... | John Hudson Peck, A. M., LL. D. | 1826 | 1834 | 0 | 17 | 17 | 0 | 161 | 3 | 164 | 4 | 1 | ..... | ..... | ..... |
| 23 Cincinnati, Ohio | Industrial and Art School of the Ohio Mechanics Institute..... | Thomas Gilpin | 1829 | 1829 | ..... | ..... | 12 | ..... | ..... | ..... | 506 | ..... | ..... | ..... | ..... | ..... |
| 24 ..do | Technical School of Cincinnati..... | L. R. Klemm, Ph. D., principal. | 1886 | 1886 | 0 | 6 | 6 | 0 | 85 | 0 | 85 | 4 | ..... | ..... | ..... | ..... |
| 25 Cleveland, Ohio | Case School of Applied Science..... | Cady Staley, Ph. D., LL. D..... | 1880 | 1881 | 0 | 9 | 9 | 0 | 66 | 0 | 66 | 4 | 1 | ..... | ..... | 12 |
| 26 Philadelphia, Pa..... | Franklin Institute | Joseph M. Wilson, C. E..... | 1824 | 1824 | ..... | ..... | 4 | ..... | ..... | ..... | 350 | ..... | ..... | ..... | ..... | ..... |
| 27 ..do | Wagner Free Institute of Science..... | Samuel Wagner | 1855 | 1855 | ..... | ..... | 5 | ..... | ..... | ..... | 105 | ..... | ..... | ..... | ..... | ..... |
| 28 South Bethlehem, Pa..... | Lehigh University..... | Robert A. Lamberton, LL. D..... | 1866 | 1866 | ..... | ..... | 31 | ..... | ..... | ..... | 387 | 4 | 0 | 0 | 0 | 2 |
| 29 Charleston, S. C..... | South Carolina Military Academy * | Gen. George D. Johnston..... | 1842 | 1843 | 0 | 7 | 7 | 0 | 131 | 0 | 131 | 4 | 0 | 0 | 0 | 0 |
| 30 Northfield, Vt..... | Norwich University..... | Col. Charles H. Lewis, LL. D..... | 1834 | 1834 | 1 | 8 | 9 | 6 | 48 | ..... | 54 | 4 | ..... | ..... | ..... | ..... |
| 31 Lexington, Va..... | Virginia Military Institute..... | Francis H. Smith, LL. D..... | 1839 | 1839 | ..... | ..... | 14 | ..... | ..... | ..... | 214 | 4 | ..... | ..... | 50 | 4 |
| 32 New Market, Va..... | New Market Polytechnic Institute..... | W. H. Smith, A. M..... | 1870 | 1870 | 1 | 2 | 6 | 37 | 18 | 0 | 55 | 4 | 0 | 0 | 0 | 0 |

* Statistics of 1887-88.

TABLE 15.—Statistics of schools of science not endowed with the national land grant for 1888-89.—PART II.

| Name. | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|----------------------------------------------------------------------|-------------------------------|-------------------------------------------|------------------------------|---------------------------|--------------------------------|---------------------------------|---------------------------------------|----------------------------------------|------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------|---------------|
| | Number of volumes in library. | Annual charges for tuition to each pupil. | Amount of matriculation fee. | Amount of graduation fee. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of permanent productive funds. | Income for year from productive funds. | Amount of State or municipal aid received within the year. | Amount of receipts within the year from tuition fees. | Income for year from all sources except charges for board and lodging. | Benefactions. |
| 1 Chaffoy College of Agriculture (University of Southern California) | 900 | \$25 | | | | \$38,000 | \$200,000 | \$8,000 | | \$2,000 | \$10,000 | |
| 2 Cogswell Polytechnical College | 1,500 | 100 | | 0 | \$3,000 | 125,000 | 750,000 | 15,000 | | 2,800 | 17,800 | 0 |
| 3 Colorado State School of Mines | 1,368 | 0 | 0 | 0 | 9,000 | 40,000 | 0 | 0 | \$24,000 | 0 | 24,000 | 0 |
| 4 Storrs Agricultural School | 1,481 | 25 | | | 1,480 | 2,200 | | | 18,000 | 470 | 18,470 | |
| 5 Storrs Agricultural College | 2,500 | 0 | 0 | 0 | 2,000 | 100,000 | 0 | 0 | 25,000 | 0 | 25,000 | |
| 6 Dakota School of Mines | 300 | 0 | | \$10 | 15,000 | 25,000 | | | 17,000 | 0 | 17,000 | \$200 |
| 7 Corcoran Scientific School (Columbian University) | | 90 | \$10 | | | | | | | | | |
| 8 State School of Technology | | (a) | | | | | | | | | | |
| 9 Rose Polytechnic Institute | 6,000 | b 25 | | | 35,000 | 150,000 | 450,000 | 23,000 | | 10,000 | 33,000 | |
| 10 Lawrence Scientific School (Harvard University) | 2,700 | 150 | | | | | | | | | | |
| 11 Bussey Institution (Harvard University) | 3,006 | 150 | | | | | 150,000 | | | | | |
| 12 Swan Free School | | 0 | 0 | 0 | 20,000 | 20,000 | 560,000 | 27,000 | 0 | 4,500 | 40,000 | 1,500 |
| 13 Worcester Polytechnic Institute | 1,500 | 150 | 0 | 0 | 1,600 | 100,000 | 0 | 0 | 17,500 | 0 | 17,500 | 0 |
| 14 State Mining School | 3,000 | 0 | | | | | | | | | | |
| 15 Chandler Scientific Department of Dartmouth College | 60 | 60 | | | | | 400,000 | 23,000 | | 28,000 | 51,000 | 20,000 |
| 16 Thayer School of Civil Engineering (Dartmouth College) | 150 | 150 | | | | 0 | 300,000 | 0 | 10,000 | 0 | 13,000 | 3,000 |
| 17 Stevens Institute of Technology | 130 | 0 | 0 | 0 | 1,500 | | | | | | 51,450 | 525 |
| 18 Newark Technical School | 21,276 | 0 | | | 5,000 | 55,000 | | | | | 13,000 | 3,000 |
| 19 Cooper Union Free Night Schools of Science and Art | 600 | 0 | 5 | | | | | | | | | |
| 20 Hebrew Technical Institute | 200 | 0 | 18 | | | | | | | | | |
| 21 School of Mines of Columbia College | 200 | 3 | | | | | | | | | | |
| 22 Rensselaer Polytechnic Institute | 4,700 | 75-150 | | | 250,000 | | | | 0 | | | |
| 23 Industrial and Art School of the Ohio Mechanics Institute | 50 | 75 | 0 | 0 | 200 | | 2,000,000 | | | 7,000 | 7,000 | 45,000 |
| 24 Case School of Applied Science | 31,762 | 10 | | | 8,000 | 200,000 | 2,000,000 | 1,750 | | 5,000 | 55,000 | 18,879 |
| 25 Franklin Institute | 6,000 | 0 | | | 1,500 | 75,000 | 35,000 | 16,000 | | | 16,000 | 10,000 |
| 26 Wagoner Free Institute of Science | 61,255 | 0 | 0 | 0 | 12,000 | 1,000,000 | 2,000,000 | | | 0 | | |
| 27 Lehigh University | 1,000 | 45 | | 5 | 1,500 | 250,000 | | | 20,000 | | 36,000 | |
| 28 South Carolina Military Academy* | 3,000 | 0 | | 10 | | 35,000 | | | 1,500 | 500 | 2,000 | 3,000 |
| 29 Norwich University | 10,000 | 75 | | | 5,000 | 300,000 | 20,000 | 1,200 | 30,000 | 7,500 | 41,700 | |
| 30 Virginia Military Institute | | 30 | 27 | 5 | | | | | | | | |
| 31 New Market Polytechnic Institute | 500 | 50 | 33 | | 100 | 2,500 | 0 | 0 | 0 | 2,000 | 2,000 | 25 |

* Statistics of 1887-88.

a Free to residents of Georgia; \$150 to non-residents.

b To residents of Vigo County; \$100 to non-residents.

IV.—PROFESSIONAL INSTRUCTION.

TABLE 16.—*Summary of statistics of schools of theology, law, and medicine, by geographical sections, for 1888-89.*

| Divisions. | Schools of theology. | | | | | Schools of law. | | | | |
|-----------------------------|----------------------|------------------------|---------------|---------------------------------------------------------|--------------------------------------------------------------|--------------------|------------------------|---------------|---------------------------------------------------------|--------------------------------------------------------------|
| | Number of schools. | Number of instructors. | Students. | | | Number of schools. | Number of instructors. | Students. | | |
| | | | Total number. | Number who had received a degree in letters or science. | Ratio of students who had received a degree to total number. | | | Total number. | Number who had received a degree in letters or science. | Ratio of students who had received a degree to total number. |
| North Atlantic Division.... | 44 | 278 | 2,430 | 781 | <i>Per ct.</i> 32.1 | 9 | 120 | 1,356 | 544 | <i>Perct.</i> 40.1 |
| South Atlantic Division.... | 21 | 109 | 1,444 | 147 | 10.2 | 15 | 63 | 805 | 73 | 9.1 |
| South Central Division.... | 16 | 64 | 587 | 18 | 3.1 | 9 | 31 | 317 | 20 | 6.3 |
| North Central Division.... | 55 | 218 | 2,475 | 504 | 20.4 | 16 | 120 | 1,321 | 142 | 10.8 |
| Western Division..... | 5 | 17 | 53 | 3 | 5.7 | 3 | 11 | 107 | 50 | 46.7 |
| United States..... | 141 | 686 | 6,989 | 1,453 | 20.8 | 52 | 345 | 3,906 | 829 | 21.2 |

| Divisions. | Schools of medicine. | | | | | | | | | |
|-----------------------------|----------------------|------------------------|---------------|---------------------------------------------------------|--------------------------------------------------------------|--------------------|------------------------|---------------|---------------------------------------------------------|--------------------------------------------------------------|
| | Regular. | | | | | Homeopathic. | | | | |
| | Number of schools. | Number of instructors. | Students. | | | Number of schools. | Number of instructors. | Students. | | |
| | | | Total number. | Number who had received a degree in letters or science. | Ratio of students who had received a degree to total number. | | | Total number. | Number who had received a degree in letters or science. | Ratio of students who had received a degree to total number. |
| North Atlantic Division.... | 21 | 687 | 4,560 | 816 | <i>Perct.</i> 17.9 | 4 | 106 | 462 | 61 | <i>Perct.</i> 13.2 |
| South Atlantic Division.... | 16 | 262 | 1,547 | 11 | .7 | ..... | ..... | ..... | ..... | ..... |
| South Central Division.... | 12 | 158 | 2,201 | 37 | 1.7 | ..... | ..... | ..... | ..... | ..... |
| North Central Division.... | 35 | 664 | 3,426 | 311 | 9.1 | 9 | 126 | 666 | 55 | 8.3 |
| Western Division..... | 8 | 136 | 504 | 37 | 7.3 | 1 | 17 | 31 | 0 | 0 |
| United States..... | 92 | 1,907 | 12,238 | 1,212 | 9.9 | 14 | 249 | 1,159 | 116 | 10.0 |

TABLE 17.—*Summary of statistics of schools of theology, according to denominations, for 1888-89.*

| Religious denominations. | Number of— | | |
|--------------------------------------|------------|--------------|-----------|
| | Schools. | Instructors. | Students. |
| Baptist..... | 16 | 89 | 1,283 |
| Free Baptist..... | 2 | 7 | 62 |
| Roman Catholic..... | 20 | 103 | 1,051 |
| Lutheran..... | 13 | 47 | 713 |
| Methodist Episcopal..... | 17 | 78 | 1,048 |
| Methodist Protestant..... | 2 | 4 | 24 |
| Methodist Episcopal South..... | 1 | 6 | 52 |
| German Methodist Episcopal..... | 1 | 2 | 42 |
| African Methodist Episcopal..... | 1 | 2 | 8 |
| Presbyterian..... | 14 | 81 | 886 |
| Cumberland Presbyterian..... | 1 | 6 | 37 |
| United Presbyterian..... | 2 | 9 | 81 |
| Reformed Presbyterian..... | 1 | 3 | 21 |
| Associate Reformed Presbyterian..... | 1 | 4 | 6 |
| Protestant Episcopal..... | 12 | 67 | 328 |
| Congregational..... | 10 | 58 | 445 |
| Universalist..... | 3 | 14 | 71 |
| Unitarian..... | 1 | 5 | 37 |
| Christian..... | 7 | 18 | 315 |
| Reformed..... | 5 | 16 | 105 |
| Reformed (Dutch)..... | 1 | 5 | 32 |
| New Church..... | 1 | 5 | 6 |
| Unsectarian..... | 4 | 35 | 217 |
| United Brethren..... | 2 | 7 | 63 |
| Jewish..... | 1 | 9 | 6 |
| Evangelical Association..... | 1 | 3 | 19 |
| German Evangelical..... | 1 | 3 | 82 |
| Total..... | 141 | 686 | 6,989 |

| | | | | | | | | | | | | | | | | | |
|------------------------------|-----|-----|-------|-----|--------|-------|-------|-------|-------|---------|--------|-----------|------------|---------|--------|---------|---------|
| Illinois..... | 17 | 69 | 8 | 77 | 11,113 | 221 | 173 | 16 | 69 | 67,750 | ..... | 940,465 | 1,073,738 | 83,989 | ..... | 88,996 | 189,502 |
| Michigan..... | 3 | 5 | ..... | 5 | 44 | 10 | 2 | 5 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 13,462 | 17,820 |
| Wisconsin..... | 5 | 19 | 2 | 21 | 201 | 41 | 32 | 1 | 5 | 20,200 | ..... | 160,000 | 48,000 | 3,596 | ..... | 20,311 | ..... |
| Minnesota..... | 4 | 22 | 0 | 22 | 210 | 1 | 20 | 3 | ..... | 7,700 | ..... | 153,000 | ..... | 8,947 | 1,300 | ..... | ..... |
| Iowa..... | 5 | 11 | 0 | 11 | 125 | 1 | 5 | 3 | ..... | 1,750 | ..... | 25,000 | 18,000 | ..... | ..... | 2,000 | ..... |
| Missouri..... | 4 | 13 | 0 | 13 | 250 | 95 | 61 | 1 | 4 | 8,457 | ..... | 320,000 | ..... | ..... | 065 | 12,458 | 9,495 |
| Nebraska..... | 2 | 3 | 0 | 3 | 30 | 0 | 1 | 1 | 0 | 550 | ..... | 8,000 | 7,000 | 400 | ..... | 2,100 | 4,200 |
| Kansas..... | 1 | 1 | 0 | 1 | 12 | ..... | ..... | 0 | 0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| WESTERN DIVISION. | | | | | | | | | | | | | | | | | |
| Colorado..... | 1 | 1 | 0 | 1 | 4 | 2 | 1 | ..... | 4 | 5,500 | ..... | 50,000 | 10,000 | 1,240 | ..... | 1,240 | ..... |
| California..... | 4 | 15 | 1 | 16 | 49 | 1 | 7 | 6 | 8 | 23,100 | ..... | 120,000 | 535,000 | 17,700 | ..... | 17,700 | 49,650 |
| North Atlantic Division..... | 44 | 216 | 32 | 278 | 2,430 | 781 | 481 | 93 | 374 | 604,438 | 64,820 | 4,510,630 | 8,234,864 | 418,811 | 0,857 | 609,650 | 192,548 |
| South Atlantic Division..... | 21 | 101 | 1 | 109 | 1,444 | 147 | 172 | 18 | 52 | 121,699 | 13,275 | 910,000 | 875,000 | 28,650 | 31,194 | 81,494 | 49,400 |
| South Central Division..... | 16 | 53 | 6 | 64 | 587 | 18 | 55 | 8 | 30 | 30,900 | 500 | 206,000 | 556,000 | 30,000 | 1,062 | 38,595 | 70,227 |
| North Central Division..... | 55 | 201 | 17 | 218 | 2,475 | 504 | 383 | 46 | 116 | 154,433 | ..... | 1,956,465 | 1,682,767 | 126,843 | 2,265 | 210,975 | 268,577 |
| Western Division..... | 5 | 16 | 1 | 17 | 53 | 3 | 8 | 6 | 12 | 28,000 | ..... | 170,000 | 611,000 | 18,940 | ..... | 18,940 | 49,650 |
| United States..... | 141 | 622 | 57 | 686 | 6,989 | 1,453 | 1,099 | 171 | 584 | 940,090 | 78,595 | 7,762,095 | 11,939,631 | 623,244 | 44,378 | 959,654 | 630,402 |

TABLE 19.—*Statistics of schools of theology for 1888-89.*—PART I.

| Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. | Professors and instructors. | | | Students. | | | | Number of years in course of study. | Number of weeks in scholastic year. | Number of endowed professorships. | Number of scholarships. |
|---------------------|--------------------|---------------------------------------------------------------------|------------------|------------------------|-------------------------|-----------------------------|---------------|---------------|---------------|---------------------------------------------------------|----------------------------------------------|----------------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|
| | | | | | | Resident. | Non-resident. | Total number. | Total number. | Number who had received a degree in letters or science. | Number of graduates at commencement of 1889. | Are you authorized by law to confer degrees? | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| ALABAMA. | | | | | | | | | | | | | | | | |
| 1 | Talladega..... | Theological Department of Talladega College. | 1889 | 1867 | Cong..... | 1 | 0 | 1 | 16 | 0 | 5 | Yes | 4 | 36 | 0 | 8 |
| 2 | Tuscaloosa..... | Institute for Training Colored Ministers. | ..... | 1876 | Presb..... | 2 | 0 | 2 | 26 | 0 | 3 | No. | 4 | 43 | 0 | 0 |
| CALIFORNIA. | | | | | | | | | | | | | | | | |
| 3 | Oakland..... | Pacific Theological Seminary..... | ..... | 1869 | Cong..... | 3 | 0 | 3 | 16 | 1 | 3 | Yes | 3 | 36 | 3 | 8 |
| 4 | San Fernando..... | Maday College of Theology of the University of Southern California. | ..... | ..... | M. E..... | 3 | 1 | 4 | 12 | ..... | 1 | ..... | ..... | ..... | ..... | ..... |
| 5 | San Francisco..... | San Francisco Theological Seminary. | ..... | 1871 | Presb..... | 5 | 0 | 5 | 20 | ..... | 3 | ..... | 3 | 35 | 3 | 0 |
| 6 | Santa Barbara..... | Franciscan College..... | ..... | 1854 | R. C..... | 4 | 0 | 4 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| COLORADO. | | | | | | | | | | | | | | | | |
| 7 | Denver..... | Matthews Hall..... | 1880 | 1873 | P. E..... | 1 | 0 | 1 | 4 | 2 | 1 | No. | 3 | 40 | ..... | 4 |
| CONNECTICUT. | | | | | | | | | | | | | | | | |
| 8 | Hartford..... | Hartford Theological Seminary... | 1834 | 1863 | Cong..... | 9 | 3 | 12 | 47 | 41 | 7 | Yes | 3 | 30 | 5 | 25 |
| 9 | Middletown..... | Berkeley Divinity School..... | 1854 | 1847 | P. E..... | 5 | 1 | 6 | 29 | 24 | 12 | Yes | 3 | 36 | 1 | 4 |

| 10 | New Haven..... | Theological Department of Yale University. | Rev. George E. Day, D.D., dean. | 1701 | 1822 | Non-sect.. | 9 | 5 | 14 | 133 | 112 | 33 | Yes | 3, 4 | 6 | 20 |
|----|------------------------|------------------------------------------------------------|-----------------------------------------|-------|-------|------------|----|---|----|-------|-------|-------|-------|------|-------|-------|
| | DISTRICT OF COLUMBIA. | | | | | | | | | | | | | | | |
| 11 | Washington | Theological Department of Howard University. | Rev. James G. Craighead, D.D. | 1867 | 1867 | Non-sect. | 6 | 0 | 6 | 38 | 0 | | | | 1 | 0 |
| 12 | do | Wayland Seminary | Rev. G. M. P. King, D.D. | ..... | 1865 | Baptist... | 8 | 0 | 8 | 153 | ..... | 22 | No. | 3 | 36 | 2 |
| | GEORGIA. | | | | | | | | | | | | | | | |
| 13 | Atlanta..... | Gammon School of Theology..... | Rev. Wilbur P. Thirkield, D.D. | 1883 | 1883 | M.E..... | 4 | 0 | 4 | 71 | 7 | 10 | Yes | 3 | 32 | 5 |
| 14 | do | Theological Department of Atlanta Baptist Seminary. | Rev. Samuel Graves, D.D. | 1867 | 1867 | Baptist... | 5 | 0 | 5 | 147 | ..... | 12 | No. | 8 | 40 | ..... |
| 15 | Macon | Theological Department of Mercer University. | Rev. James G. Ryals, D.D. | ..... | ..... | Baptist... | 1 | 0 | 1 | 12 | ..... | ..... |  |  |  | ..... |
| | ILLINOIS. | | | | | | | | | | | | | | | |
| 16 | Bourbonnais Grove..... | Theological Department of St. Viator's College. | Rev. M. J. Marsile, C.S.V. | 1874 | 1865 | R.C..... | 3 | 0 | 3 | 20 | ..... | ..... |  |  |  | ..... |
| 17 | Chicago | Chicago Theological Seminary | Rev. Franklin W. Fisk, D.D., LL.D. | 1854 | 1858 | Cong..... | 12 | 0 | 12 | 145 | 30 | 23 | Yes | 3 | 32 | 48 |
| 18 | do | McCormick Theological Seminary of the Presbyterian Church. | David C. Marquis, D.D. | 1859 | 1859 | Presb..... | 8 | 0 | 8 | 134 | 108 | 44 | No. | 3 | 30 | 6 |
| 19 | do | Western Theological Seminary. | Rt. Rev. W. E. McLaren, S.T.D. | ..... | 1885 | P.E..... | 2 | 4 | 6 | 16 | 6 | 3 | ..... | 3, 5 | 36 | 0 |
| 20 | Eureka | Bible Department of Eureka College. | Carl Johann, A.M., LL.D. | 1855 | 1849 | Christian. | 2 | 1 | 3 | 67 | 3 | 1 | Yes | 4 | 39 | 1 |
| 21 | Evanston | Garrett Biblical Institute..... | Rev. Henry B. Ridgeway, D.D. | 1851 | 1854 | M.E..... | 7 | 0 | 7 | 147 | 33 | ..... |  | 3 |  | ..... |
| 22 | do | Norwegian and Danish Theological School. | Rev. Nels E. Simonsen, A.M., B.D. | ..... | 1886 | M.E..... | 1 | 0 | 1 | 24 | ..... | ..... |  | 3 |  | ..... |
| 23 | do | Swedish Theological Seminary..... | Rev. Albert Ericson, A.M. | ..... | 1870 | M.E..... | 1 | 0 | 1 | 24 | ..... | ..... |  | 3 |  | ..... |
| 24 | Galena | Theological Department of German-English College. | Rev. Fr. Schaub, A.M. | 1880 | 1868 | M.E..... | 6 | 0 | 6 | 115 | 1 | ..... | Yes | 3 | 38 | ..... |
| 25 | Galesburgh..... | Theological Department of Lombard University. | Rev. Nehemiah White, Ph.D. | 1869 | 1881 | Univ..... | 4 | 1 | 5 | 10 | ..... | 2 | Yes | 3, 4 | 38 | ..... |
| 26 | Lebanon..... | Theological Department of McKendree College. | Rev. I. Villars, D.D. | 1834 | 1834 | M.E..... | 1 | 0 | 1 | 14 | ..... | ..... |  |  | 0 | 0 |
| 27 | Mendota..... | Warburg Seminary | Rev. S. Frieschel, D.D. | ..... | 1853 | Lutheran. | 3 | 0 | 3 | 48 | ..... | 17 | ..... | 3 | 40 | 1 |
| 28 | Moigan Park..... | Baptist Union Theological Seminary. | Rev. George W. Northrup, D.D., LL.D. | 1867 | 1867 | Baptist... | 9 | 1 | 10 | 133 | 26 | 38 | Yes | 3 | 30 | 0 |
| 29 | Naperville..... | Union Biblical Institute. | Bishop J. J. Esler | 1874 | 1876 | Ev. Ass'n | 2 | 1 | 3 | 19 | 1 | 3 | Yes | 3 | 39 | ..... |
| 30 | Rock Island | Angustana Theological Seminary. | Rev. T. N. Hasselquist, D.D. | 1865 | 1860 | Lutheran. | 3 | 0 | 3 | 41 | 13 | 20 | ..... | 2 | 32 | 0 |
| 31 | Springfield | Concordia Seminary | A. Cremer | 1879 | 1874 | Lutheran. | 4 | 0 | 4 | 155 | ..... | 22 | ..... | 5 | 43 | ..... |
| 32 | Upper Alton..... | Theological Department of Shurtleff College. | Rev. A. A. Kendrick, D.D. | 1835 | 1827 | Baptist... | 1 | 0 | 1 | ..... | ..... | ..... |  |  | 0 | ..... |
| | INDIANA. | | | | | | | | | | | | | | | |
| 33 | Greencastle | School of Theology of De Pauw University. | S. L. Bowman, A.M., S.T.D., dean. | 1837 | 1834 | M.E..... | 5 | 1 | 6 | 70 | 3 | 4 | Yes | 3 | ..... | 0 |

a Two of these are but partially endowed.

TABLE 19.—Statistics of schools of theology for 1888-89.—PART I—Continued.

| Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. | Professors and instructors. | | | Students. | | | Are you authorized by law to confer degrees? | Number of years in course of study. | Number of weeks in scholastic year. | Number of endowed professorships. | Number of scholarships. |
|--------------------|--------------------|----------------------------------------------------------|-------------------------------------------|------------------------|-------------------------|-----------------------------|---------------|---------------|---------------|---------------------------------------------------------|----------------------------------------------|----------------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|
| | | | | | | Resident. | Non-resident. | Total number. | Total number. | Number who had received a degree in letters or science. | Number of graduates at commencement of 1889. | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| INDIANA—continued. | | | | | | | | | | | | | | | | |
| 34 | Merom | Berzan Department, Union Christian College. | Rev. L. J. Aldrich, A. M., D. D. | 1859 | Christian. | 1 | 2 | 3 | 16 | 3 | ..... | ..... | 3 | 36 | 1 | ..... |
| 35 | St. Meinrad | St. Meinrad's Ecclesiastical Seminary. | Rt. Rev. Fintan Mundwiler, O. S. B. | 1857 | R. C | 5 | 0 | 5 | 56 | ..... | 18 | No. | 6 | 40 | ..... | ..... |
| IOWA. | | | | | | | | | | | | | | | | |
| 36 | Davenport | Theological Department of Grissold College. | Rev. W. S. Perry, D. D., LL. D., D. C. L. | 1859 | P. E | 3 | 0 | 3 | 3 | 1 | ..... | ..... | ..... | ..... | 2 | 2 |
| 37 | Des Moines | Bible Department of Drake University. | David R. Dungan, A. M., dean. | 1881 | Christian. | 2 | 0 | 2 | 60 | ..... | ..... | ..... | 3 | ..... | 0 | 0 |
| 38 | Dubuque | German Presbyterian Theological School of the Northwest. | G. Moery, clerk of the faculty. | 1852 | Presb | 4 | 0 | 4 | 30 | ..... | 5 | No. | 7 | 32 | a1 | 1 |
| 39 | Mt. Pleasant | German College | Rev. John Schlagenhauf | 1873 | M. E | 1 | 0 | 1 | 20 | ..... | ..... | ..... | 3 | 36 | ..... | ..... |
| 40 | Oskaloosa | Bible Department of Oskaloosa College. | J. A. Beattie, A. M. | 1855 | Christian. | 1 | 0 | 1 | 12 | ..... | ..... | ..... | 4 | ..... | ..... | ..... |
| KANSAS. | | | | | | | | | | | | | | | | |
| 41 | Wichita | Theological Department of Garfield University. | Alvin I. Hobbs, A. M., LL. D., dean. | 1886 | Christian. | 1 | 0 | 1 | 12 | ..... | ..... | ..... | 3 | ..... | 0 | 0 |
| KENTUCKY. | | | | | | | | | | | | | | | | |
| 42 | Danville | Danville Theological Seminary | Stephen Yerkes, senior professor. | 1854 | Presb | 6 | 0 | 6 | 3 | ..... | 2 | No. | 3 | 34 | 4 | 7 |
| 43 | Lexington | College of the Bible | Robert Graham, A. M. | 1877 | Christian. | 3 | 0 | 3 | 129 | ..... | 10 | No. | 4 | 40 | a3 | ..... |

| | | | 1858 | 1859 | Baptist... | 6 | 0 | 6 | 105 | 12 | Yes | 34 | 1 | 0 |
|----|------------------------|-------------------------------------------------------------------------------|---------------------------------------|-------|------------|----|---|----|-----|----|--------|-----|----|---|
| 44 | Louisville | Southern Baptist Theological Seminary. | John A. Broadus..... | 1858 | Baptist... | 6 | 0 | 6 | 105 | 12 | Yes | 34 | 1 | 0 |
| | LOUISIANA. | | | | | | | | | | | | | |
| 45 | New Orleans | Gilbert Haven School of Theology (New Orleans University). | Rev. L. G. Adkinson, D. D.... | 1873 | M. E..... | | | | 9 | 0 | | | 0 | 0 |
| 46 | do | Theological Department of Leland University. | Rev. Edward C. Mitchell, D. D.... | ..... | Baptist... | 2 | 0 | 2 | 30 | | | | | |
| 47 | do | Theological Department of Straight University. | Rev. R. C. Hitchcock, D. D.... | 1869 | Non-sect.. | 5 | 0 | 5 | 20 | | | 4 | 0 | 0 |
| | MAINE. | | | | | | | | | | | | | |
| 48 | Bangor | Bangor Theological Seminary..... | Rev. Levi L. Paine, D. D..... | 1814 | Cong..... | 5 | 0 | 5 | 33 | 3 | 11 No. | 3 | 36 | 4 |
| 49 | Lewiston | Bates College Theological Seminary. | Rev. Oren B. Cheney, D. D.... | ..... | Free Bapt. | 4 | 0 | 4 | 26 | | Yes | 3 | | |
| | MARYLAND. | | | | | | | | | | | | | |
| 50 | Baltimore | Centenary Biblical Institute..... | Rev. Francis J. Wagner, A. M. | 1867 | M. E..... | 15 | 0 | 15 | 195 | | 8 | 7 | 35 | |
| 51 | do | Theological Seminary of St. Sulpice and St. Mary's University. | Rev. A. Magnien, S. S., D. D.... | 1894 | R. C..... | 9 | 0 | 9 | 170 | 60 | 42 Yes | 6 | 40 | 0 |
| 52 | Ithaca | Scholarship of the Congregation of the Most Holy Redeemer, Mount St. Clement. | Rev. Eugene Grimm, C. S. S. R. | ..... | R. C..... | 6 | 0 | 6 | 80 | | | 6 | | |
| 53 | Mount St. Mary's P. O. | Mount St. Mary's Ecclesiastical Seminary. | Very Rev. Edward P. Allen, D. D. | 1830 | R. C..... | 8 | 0 | 8 | 31 | 12 | 6 Yes | 6 | | 0 |
| 54 | Westminster | Westminster Theological Seminary. | James Thomas Ward, D. D., F. S. S. C. | 1884 | Meth. Prof | 4 | 0 | 4 | 24 | | 8 Yes | 3 | 20 | 0 |
| | MASSACHUSETTS. | | | | | | | | | | | | | |
| 55 | Andover | Andover Theological Seminary.... | Rev. Egbert C. Smyth, D. D. | 1807 | Cong..... | 9 | 2 | 11 | 42 | 38 | 8 No. | 3 | 40 | 9 |
| 56 | Boston | Boston University School of Theology. | William F. Warren, S. T. D.... | 1869 | M. E..... | 13 | 0 | 13 | 130 | 79 | Yes | 3 | | 2 |
| 57 | Cambridge | Divinity School of Harvard University. | Charles C. Everett, D. D., Dean. | 1850 | Non-sect.. | 10 | 0 | 10 | 26 | 22 | 3 Yes | 3 | 4 | |
| 58 | do | Episcopal Theological School.... | Rev. George Z. Gray, D. D.... | 1867 | P. E..... | 7 | 0 | 7 | 57 | 24 | 7 Yes | 3 | 36 | 0 |
| 59 | do | New Church Theological School.... | Rev. John Worcester..... | 1866 | Non Ch.... | 2 | 3 | 5 | 6 | 1 | 3 No. | 3 | 31 | 0 |
| 60 | College Hill | Tufts College Divinity School.... | Elmer Hewitt Capon, D. D.... | 1852 | Univ..... | 5 | 0 | 5 | 35 | | Yes | 3-4 | 1 | 1 |
| 61 | Newton Centre | Newton Theological Institution.... | Alvah Hovey, D. D., LL. D.... | 1826 | Baptist... | 6 | 1 | 7 | 70 | 43 | 20 No. | 3 | 33 | 1 |
| | MICHIGAN. | | | | | | | | | | | | | |
| 62 | Adrian | School of Theology (Adrian College) | George B. McElroy, acting president. | 1859 | Meth. Prof | | | | | | | | 1 | |
| 63 | Hillsdale | Theological Department of Hillsdale College. | Hon. George F. Mosher, A. M. | 1855 | F. W. Bap. | 3 | 0 | 3 | 36 | 3 | Yes | 3 | 3 | 0 |
| 64 | Holland | Western Seminary of the Reformed Church of America. | Rev. Nicholas M. Steffens, D. D. | 1890 | Reformed. | 2 | 0 | 2 | 8 | 7 | 2 | 3 | 34 | 1 |
| | MINNESOTA. | | | | | | | | | | | | | |
| 65 | Collegeville | St. John's University, Ecclesiastical Course.* | Alexis Edelbrock, O. S. B.... | 1857 | R. C..... | 3 | 0 | 3 | 35 | | | | | |

a Partially.

* Statistics of 1887-88.

TABLE 19.—*Statistics of schools of theology for 1888-89.*—PART I—Continued.

| Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. | Professors and instructors. | | | Students. | | | | Number of years in course of study. | Number of weeks in scholastic year. | Number of endowed professorships. | Number of scholarships. |
|------------------------|----------------------------------------------------------|-----------------------------------------|------------------|------------------------|-------------------------|-----------------------------|---------------|---------------|---------------|----------------------------------------------------------|----------------------------------------------|----------------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|
| | | | | | | Resident. | Non-resident. | Total number. | Total number. | Number who had received a degree in letters or sci-ence. | Number of graduates at commencement of 1889. | Are you authorized by law to confer degrees? | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| MINNESOTA—cont'd. | | | | | | | | | | | | | | | | |
| 66 Fairbault..... | Seabury Divinity School..... | Rt. Rev. H. B. Whipple, D. D., L. D. | 1860 | 1860 | P. E. | 11 | 0 | 11 | 33 | 1 | 7 | Yes | 3 | 36 | 1 | .... |
| 67 Minneapolis..... | Augsburg Seminary..... | Rev. Georg Sverdrup..... | 1869 | 1869 | Lutheran | 2 | 0 | 2 | 42 | .... | 9 | .... | .... | .... | .... | .... |
| 68 Red Wing..... | Red Wing Norwegian Evangelical Lutheran Seminary. | O. S. Meland..... | 1878 | 1879 | Lutheran | 6 | 0 | 6 | 100 | .... | 4 | .... | 7 | .... | .... | .... |
| MISSOURI. | | | | | | | | | | | | | | | | |
| 69 Cape Girardeau..... | St. Vincent's College and Theolog- ical Seminary. | Very Rev. Francis V. Nu- gent, C. M. | 1843 | 1843 | R. C. | 3 | 0 | 3 | 11 | .... | .... | .... | 6 | 40 | 0 | 0 |
| 70 St. Louis..... | Concordia College (seminary)..... | Francis A. O. Pieper..... | 1853 | 1859 | Luth. | 5 | 0 | 5 | 115 | 95 | 35 | Yes | 3 | 40 | 0 | 0 |
| 71 do..... | Eden College..... | Rev. Louis Haeberte..... | 1850 | 1850 | Ger. Ev. | 3 | 0 | 3 | 82 | .... | 26 | .... | 3 | 39 | .... | .... |
| 72 Warrenton..... | Theological Department of Cen- tral Wesleyan College. | Rev. Herman A. Koch, D. D. | 1865 | 1864 | Ger. M. E. | 2 | 0 | 2 | 42 | .... | .... | .... | .... | .... | 1 | 4 |
| NEBRASKA. | | | | | | | | | | | | | | | | |
| 73 Crete..... | German Congregational Theologi- cal Seminary. | Dodge Smith..... | 1882 | 1878 | Cong. | 2 | 0 | 2 | 6 | 0 | 1 | No. | 4 | 40 | 1 | 0 |
| 74 Santee Agency..... | Theological Institute..... | Alfred L. Riggs..... | .... | 1870 | Cong. | 1 | 0 | 1 | 24 | 0 | .... | Yes | .... | 9 | 0 | 0 |
| NEW JERSEY. | | | | | | | | | | | | | | | | |
| 75 Bloomfield..... | German Theological School of Newark. | Rev. Charles E. Knox, D. D. | .... | 1869 | Presb. | 4 | 0 | 4 | 25 | 0 | 5 | No. | 7 | 36 | 1 | .... |

TABLE 19.—*Statistics of schools of theology for 1888-89.*—PART I—Continued.

| Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. | Professors and instructors. | | | Students. | | | | Number of years in course of study. | Number of weeks in scholastic year. | Number of endowed professorships. | Number of scholarships. |
|------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|------------------------|-------------------------|-----------------------------|---------------|---------------|---------------|---------------------------------------------------------|----------------------------------------------|----------------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|
| | | | | | | Resident. | Non-resident. | Total number. | Total number. | Number who had received a degree in letters or science. | Number of graduates at commencement of 1889. | Are you authorized by law to confer degrees? | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| OHIO—continued. | | | | | | | | | | | | | | | | |
| 102 Oberlin | Department of Theology, Oberlin College. | Rev. Jas. H. Fairchild, D. D. . | 1833 | 1835 | Cong. | 10 | 0 | 10 | 101 | 34 | 16 | .... | 3 | .... | .... | 4 |
| 103 Tiffin | Heidi-berg Theological Seminary. | Rev. David Van Horn, D. D. . | 1888 | 1851 | Reformed. | 3 | 0 | 3 | 17 | 7 | 3 | .... | 2 | 36 | 3 | .... |
| 104 Wilberforce | Theological Seminary of Wilber- force University. | Rev. S. T. Mitchell, A. M. | 1856 | 1856 | A. M. E. . | 2 | 0 | 2 | 8 | .... | 2 | Yes | 3 | .... | 0 | 4 |
| 105 Xenia | United Presbyterian Theological Seminary of Xenia. | Rev. James Harper, D. D. | 1877 | 1794 | Un. Presb. | 3 | 1 | 4 | 29 | 24 | 10 | No. | 3 | 30 | 3 | 0 |
| PENNSYLVANIA. | | | | | | | | | | | | | | | | |
| 106 Allegheny | Theological Seminary of the Re- formed Presbyterian Church. | D. B. Willson ..... | ..... | 1858 | Ref. Presb | 3 | 0 | 3 | 21 | 18 | 7 | No. | 4 | 26 | 3 | .... |
| 107 ... do | Theological Seminary of the Uni- ted Presbyterian Church. | Alexander Young, D. D., LL. D. | 1830 | 1825 | Un. Presb. | 5 | 0 | 5 | 52 | 49 | 14 | No. | 3 | 30 | 0 | 0 |
| 108 ... do | Western Theological Seminary of the Presbyterian Church. | Rev. W. H. Jeffers, D. D., LL. D., acting president. | 1844 | 1827 | Presb. | 6 | 0 | 6 | 75 | 70 | 18 | No. | 3 | 31 | 5 | 41 |
| 109 Beatty | Theological Course in St. Vincent's College. | Rt. Rev. A. Hintonach, O. S. B. | 1870 | 1846 | R. C. | 6 | 0 | 6 | 46 | .... | .... | .... | 3 | .... | .... | .... |
| 110 Bethlehem | Moravian Theological Seminary . | Rev. Augustus Schultze | 1863 | 1807 | U. B. | 4 | 0 | 4 | 29 | 7 | 0 | Yes | 6 | 40 | 0 | .... |
| 111 Collegeville | Theological Department of Ursi- nus College. | Rev. J. H. A. Bomberger, D. D., LL. D. | 1869 | 1871 | Reformed. | 5 | 0 | 5 | 11 | 6 | .... | .... | 3 | 36 | 0 | 0 |
| 112 Gettysburgh | Theological Seminary of the Gen- eral Synod of the Evangelical Lutheran Church in the United States. | Rev. Milton Valentine, D. D., LL. D. | 1826 | 1826 | Lutheran . | 4 | 1 | 5 | 50 | 40 | 15 | No. | 4 | 39 | 3 | 2 |

| | 1825 | Reformed. | 3 | 0 | 3 | 41 | ..... | 3 |
|-------------------------|-----------------------------------------------------------------------|-----------|---------------------|-------|-------|-------|-------|------------------|
| 113 Lancaster | Rev. Enl. V. Gerhart, D. D., LL. D. | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 114 Meadville | Rev. Abiel A. Livermore, A. M. | 1844 | ..... | ..... | ..... | ..... | ..... | ..... |
| 115 Overbrook | V. Rev. John E. Fitzman, D. D. | 1832 | Unitarian. R. C. | 2 | 5 | 37 | 2 | 10 Yes 15 Yes |
| 116 Philadelphia | James McGill | 1808 | R. C. | 7 | 1 | 8 | ..... | No |
| 117 ..do | Rev. C. W. Schaffer, D. D., LL. D., chairman of Phil- adelphia. | 1804 | Lutheran. | 4 | 0 | 4 | 65 | 25 No. |
| 118 Solin's Grove | Rev. Peter Born, D. D. | 1858 | Lutheran. | 2 | 0 | 2 | 13 | 9 |
| 119 Upland | Henry G. Wadon. | 1859 | Baptist | 6 | 0 | 6 | 64 | 14 Yes |
| 120 Villanova | Rev. Francis M. Sheeran, B. T. B., O. S. A. | 1842 | R. C. | 4 | 0 | 4 | 22 | ..... |
| SOUTH CAROLINA. | | | | | | | | |
| 121 Columbia | Rev. G. E. Becker. | 1871 | Baptist. | ..... | 7 | 236 | ..... | 37 |
| 122 ..do | Jos. W. Morris, A. M., LL. B. | 1880 | M. E. | 3 | 0 | 3 | 9 | ..... |
| 123 ..do | Rev. James D. Tadlock, D. D., chairman of faculty. | 1828 | Presb. | 4 | 1 | 5 | 20 | 17 3 No. |
| 124 Dno West | Dr. James Bryce. | 1839 | A. R. Presb. | 4 | 0 | 4 | 6 | 4 3 Yes |
| 125 Newberry | Rev. G. W. Holland, VII. D., D. D. | 1850 | Lutheran. | 2 | 0 | 2 | 4 | ..... |
| TENNESSEE. | | | | | | | | |
| 126 Chattanooga | Rev. E. S. Lewis, D. D. | 1886 | M. E. | ..... | ..... | 16 | ..... | 3 0 0 |
| 127 Lebanon | N. Green, LL. D., chancellor. | 1842 | Cn. Presb. | 6 | 0 | 6 | 37 | 19 Yes |
| 128 Nashville | Rev. Ernestus Milo Cravath, D. D. | 1867 | Cong. | 1 | 0 | 1 | 9 | ..... |
| 129 ..do | Rev. R. W. Koeler, D. D., dem. | 1866 | M. E. | 2 | 6 | 8 | 40 | 2 0 0 |
| 130 ..do | A. Owen, D. D. | 1883 | Baptist | 1 | 0 | 1 | (a) | ..... |
| 131 ..do | L. C. Garland, LL. D., chan- cellor. | 1873 | M. E. South | 6 | 0 | 6 | 52 | 16 4 |
| 132 Seawaco | Rev. T. C. Fair Hodgson, D. D., vice chancellor. | 1858 | P. E. | 9 | 0 | 9 | 18 | 2 5 0 3 |
| TEXAS. | | | | | | | | |
| 133 Marshall | S. W. Culver, A. M. | 1885 | Baptist | 8 | 0 | 8 | 17 | ..... |

a Included in report of collegiate department.

TABLE 19. — *Statistics of schools of theology for 1888-89.*—PART I—Continued.

| Location. | Name. | President. | Date of charter. | Year of first opening. | Religious denomination. | Professors and instructors. | | | Students. | | | Are you authorized by law to confer degrees? | Number of years in course of study. | Number of weeks in scholastic year. | Number of endowed professorships. | Number of scholarships. |
|------------|-----------------------|----------------------------------------------------------|------------------|------------------------|-------------------------|-----------------------------|---------------|---------------|---------------|---------------------------------------------------------|----------------------------------------------|----------------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|
| | | | | | | Resident. | Non-resident. | Total number. | Total number. | Number who had received a degree in letters or science. | Number of graduates at commencement of 1889. | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| VIRGINIA. | | | | | | | | | | | | | | | | |
| 134 | Hampden Sidney.... | Union Theological Seminary..... | 1867 | 1824 | Presb..... | 5 | 0 | 5 | 67 | 43 | 19 | No. | 3 | 36 | 3 | 18 |
| 135 | Richmond..... | Richmond Theological Seminary..... | 1886 | 1867 | Baptist.... | 4 | 0 | 4 | 63 | 0 | 2 | Yes | 3 | 36 | ..... | ..... |
| 136 | Theological Seminary. | Protestant Episcopal Theological Seminary of Virginia. | 1884 | 1823 | P. E. | 6 | 0 | 6 | 53 | ..... | 11 | No. | 3 | 40 | 5 | ..... |
| WISCONSIN. | | | | | | | | | | | | | | | | |
| 137 | Franklin..... | Mission House..... | 1868 | 1862 | Reformed.. | 3 | 0 | 3 | 28 | 22 | 7 | Yes | 3 | 40 | 0 | ..... |
| 138 | Milwaukee..... | Lutheran Theological Seminary of the Synod of Wisconsin. | 1864 | 1878 | Lutheran.. | 3 | 0 | 3 | 34 | 12 | 12 | ..... | 3 | 40 | ..... | ..... |
| 139 | Nashotah..... | Nashotah House..... | 1847 | 1842 | P. E. | 4 | 2 | 6 | 23 | 6 | 8 | Yes | 3 | 37 | 1 | 5 |
| 140 | Prairie du Chien..... | Sacred Heart College..... | 1881 | 1880 | R. C. | 4 | 0 | 4 | 16 | 1 | 5 | ..... | 4 | 10 | ..... | ..... |
| 141 | St. Francis..... | Seminary of St. Francis of Sales .. | ..... | 1856 | R. C. | 5 | 0 | 5 | 100 | ..... | ..... | ..... | ..... | ..... | 0 | 0 |

TABLE 19.—*Statistics of schools of theology for 1888-89.*—PART II—Continued.

| | Name. | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|----|----------------------------------------------------------------|--------|----|---------|----------|--------|----|---------|----------|
| | 2 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| | ILLINOIS—continued. | | | | | | | | |
| 22 | Norwegian and Danish Theological School..... | | | | | | | | |
| 23 | Swedish Theological Seminary..... | | | \$8,000 | | | | | |
| 24 | Theological Department of German-English College..... | 600 | | | | | | | \$10,000 |
| 25 | Theological Department of Lombard University..... | | | | | | | | |
| 26 | Theological Department of McKendree College..... | | | | | | | | |
| 27 | Wartburg Seminary..... | 5,000 | | 10,000 | \$11,054 | \$579 | 0 | \$5,586 | 4,159 |
| 28 | Baptist Union Theological Seminary..... | 30,000 | | 70,465 | 223,735 | 20,000 | 0 | 20,000 | |
| 29 | Union Biblical Institute..... | 350 | | | 28,000 | 2,200 | | 2,200 | |
| 30 | Augustana Theological Seminary..... | | | | | | | | |
| 31 | Concordia Seminary..... | 3,000 | | 25,000 | | | | | |
| 32 | Theological Department of Shurtleff College..... | 800 | | | | | | | |
| | INDIANA. | | | | | | | | |
| 33 | School of Theology of De Pauw University..... | | | | | | | | |
| 34 | Berean Department, Union Christian College..... | 275 | | | | | | | |
| 35 | St. Meinrad's Ecclesiastical Seminary..... | 8,000 | | | | | | | |
| | IOWA. | | | | | | | | |
| 36 | Theological Department of Griswold College..... | | | | | | | | |
| 37 | Bible Department of Drake University..... | | | | | | | | |
| 38 | German Presbyterian Theological School of the Northwest..... | | | 25,000 | 18,000 | | | 2,000 | |
| 39 | German College..... | 1,750 | | | | | | | |
| 40 | Bible Department of Oskaloosa College..... | | | | | | | | |
| | KANSAS. | | | | | | | | |
| 41 | Theological Department of Garfield University..... | | | | | | | | |
| | KENTUCKY. | | | | | | | | |
| 42 | Danville Theological Seminary..... | 10,000 | 0 | 8,000 | 200,000 | 10,500 | 0 | 10,500 | 0 |
| 43 | College of the Bible..... | 1,500 | | | 50,000 | 3,500 | 0 | 4,145 | 5,500 |
| 44 | Southern Baptist Theological Seminary..... | 16,000 | | 140,000 | 300,000 | 16,000 | 0 | 223,000 | 60,000 |
| | LOUISIANA. | | | | | | | | |
| 45 | Gilbert Haven School of Theology (New Orleans University)..... | | | | 0 | 0 | | 0 | 0 |

[illegible]

* Statistics of 1887-88.

TABLE 19.—Statistics of schools of theology for 1888-89.—PART II—Continued.

| Name. | 18 | 19 | 20 | Amount of productive funds. | Income from productive funds. | Receipts from tuition fees. | Total income. | Benefactions. |
|-------------------------------------------------------------------------------------|--------|-------|----------|-----------------------------|-------------------------------|-----------------------------|---------------|---------------|
| 2 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| NEW JERSEY. | | | | | | | | |
| German Theological School of Newark..... | 3,806 | \$500 | \$20,000 | \$33,000 | | 0 | \$9,020 | \$5,000 |
| Drew Theological Seminary..... | 35,000 | | 300,000 | 270,000 | | 0 | 24,589 | 25,000 |
| Theological Seminary of the Reformed (Dutch) Church in America..... | 41,000 | 0 | 300,000 | 350,000 | \$18,000 | 0 | 18,000 | |
| Theological Seminary of the Presbyterian Church..... | 50,449 | | 400,000 | 1,091,771 | 60,151 | 0 | 64,046 | 7,375 |
| Diocesan Seminary of the Immaculate Conception..... | | | | | | | | |
| College of the Sacred Heart and Theological Seminary..... | | | | | | | | |
| NEW YORK. | | | | | | | | |
| St. Bonaventure's Seminary..... | 17,313 | | 200,000 | 532,092 | 32,283 | | 35,230 | 11,928 |
| Anbura Theological Seminary..... | 8,000 | | 50,000 | 113,000 | 6,780 | | 6,780 | |
| Canlon Theological Seminary..... | 15,000 | 75 | 125,000 | 150,000 | 9,000 | 0 | 24,000 | 20,500 |
| Hamilton Theological Seminary..... | | | | | | | | |
| Hartwick Seminary, Theological Department..... | 19,114 | 0 | 750,000 | 484,254 | 9,192 | 0 | 21,998 | 35,000 |
| General Theological Seminary of the Protestant Episcopal Church..... | 50,000 | | 685,000 | 950,000 | 55,000 | | 65,000 | 7,500 |
| Union Theological Seminary..... | | | | | | | | |
| Theological Department of Niagara University..... | 23,904 | | 102,827 | 502,637 | 30,563 | | 45,430 | 5,478 |
| Rochester Theological Seminary..... | 2,000 | | 40,000 | 23,300 | 1,392 | | 4,020 | 1,370 |
| Christian Biblical Institute..... | 5,000 | 500 | 200,000 | | | | | |
| St. Joseph's Provincial Seminary..... | | | | | | | | |
| NORTH CAROLINA. | | | | | | | | |
| Theological Department of Biddle University..... | 1,500 | | 25,000 | 0 | | | 275 | |
| Theological Department of St. Augustine's Normal School..... | | | | | | | | |
| Theological Department of Shaw University..... | | | | | | | | |
| OHIO. | | | | | | | | |
| Theological Department of German Wallace College..... | | | | | | 0 | | 0 |
| Hebrew Union College..... | 8,500 | | 30,000 | 60,000 | | | 18,000 | 20,000 |
| Lane Theological Seminary..... | 16,000 | | 200,000 | 286,000 | 19,000 | 0 | 19,000 | 10,000 |
| St. Mary's Theological Seminary..... | 3,000 | | 75,000 | 0 | 0 | 0 | 10,000 | 0 |
| German Lutheran Seminary..... | | | | | | | | |
| Union Biblical Seminary..... | 1,200 | | 30,000 | 70,000 | 4,000 | 0 | 15,337 | 17,310 |
| Theological Seminary of the Protestant Episcopal Church in the diocese of Ohio..... | 7,000 | | | | | 0 | | |
| Department of Theology, Oberlin College..... | | | | | | | | |
| Reidelberg Theological Seminary..... | | | | 26,009 | 2,211 | 0 | 4,211 | |

| | | | | | | | | | |
|-----------------|---------------------------------------------------------------------------------------------------|--------|-------|---------|---------|--------|---------|--------|--------|
| 104 | Theological Seminary of Wilberforce University | 4,051 | 0 | 15,000 | 74,000 | 4,700 | 0 | 5,100 | 250 |
| 105 | United Presbyterian Theological Seminary of Xenia | | | | | | | | |
| PENNSYLVANIA. | | | | | | | | | |
| 106 | Theological Seminary of the Reformed Presbyterian Church | 3,100 | | 25,000 | 62,350 | 2,923 | 0 | 6,172 | 6,469 |
| 107 | Theological Seminary of the United Presbyterian Church | | 25 | 80,000 | 133,000 | 8,000 | 0 | 9,500 | |
| 108 | Western Theological Seminary of the Presbyterian Church | 20,000 | 0 | 175,000 | 472,185 | 30,140 | 0 | 30,140 | 4,000 |
| 109 | Theological course in St. Vincent's College | | | | | | | | |
| 110 | Moravian Theological Seminary | 6,000 | | 18,000 | 75,000 | 4,400 | 0 | 6,700 | 1,000 |
| 111 | Theological Department of Ursinus College | | | | | | | | |
| 112 | Theological Seminary of the General Synod of the Evangelical Lutheran Church in the United States | 11,500 | | 75,000 | 92,000 | 5,400 | 0 | 5,000 | |
| 113 | Theological Seminary of the Reformed Church in the United States | 10,000 | | | | | | | |
| 114 | Meadville Theological School | 18,000 | | 17,000 | 175,000 | 7,565 | | 10,000 | 1,800 |
| 115 | Philadelphia Theological Seminary of St. Charles Borromeo | 22,000 | | | | | a 9,857 | 9,857 | |
| 116 | St. Vincent's Seminary | 10,000 | | | | | 0 | | |
| 117 | Theological Seminary of the Evangelical Lutheran Church at Philadelphia | 17,000 | | 80,000 | 123,026 | 6,214 | | 6,904 | 865 |
| 118 | Missionary Institute | 1,500 | | 15,000 | | | 0 | | 2,700 |
| 119 | Crozer Theological Seminary | 9,600 | 0 | 125,000 | 350,000 | 23,000 | | 23,000 | |
| 120 | Ecclesiastical Department of Villanova College | | | | | | | | |
| SOUTH CAROLINA. | | | | | | | | | |
| 121 | Benedict Institute | 1,500 | 1,000 | 50,000 | 33,000 | | | | |
| 122 | Theological Department of Allen University | | | | | | | | |
| 123 | Theological Seminary of the General Assembly of the Presbyterian Church in the United States | 20,000 | 0 | 40,000 | 235,000 | | 0 | 12,000 | 0 |
| 124 | Associate Reformed Theological Seminary | 2,500 | | | | | | | |
| 125 | Theological Seminary of the South, Newberry College | | | | 25,000 | 2,000 | | 2,000 | |
| TENNESSEE. | | | | | | | | | |
| 126 | Theological Department of Chattanooga University | | | | | | | | |
| 127 | Theological School of Cumberland University | | | | | | | | |
| 128 | Theological course in Fisk University | | | | | | | | |
| 129 | Theological Department of Central Tennessee College | | | | | | | | |
| 130 | Theological Department of Roger Williams University | | | | | | | | |
| 131 | Theological Department of Vanderbilt University | | | | | | | | |
| 132 | Theological Department of the University of the South | | | | | | | | |
| TEXAS. | | | | | | | | | |
| 133 | Theological Department of Bishop College | 700 | 500 | 50,000 | | | 1,062 | 1,950 | 422 |
| VIRGINIA. | | | | | | | | | |
| 134 | Union Theological Seminary | 14,500 | | 100,000 | 287,000 | 18,000 | | 18,300 | 20,000 |
| 135 | Richmond Theological Seminary | 4,000 | 200 | 30,000 | 60,000 | | 469 | 469 | |
| 136 | Protestant Episcopal Theological Seminary of Virginia | 14,000 | | | | | | | |

* From preparatory department.

* Statistics of 1887-88.

TABLE 20.—Summary of statistics of schools of law for 1888-89.

| State. | Number of schools. | Professors and instructors. | | | Students. | | | Number of endowed professorships. | Number of scholarships. | Number of volumes in libraries. | Receipts from tuition fees. | Total income. |
|------------------------------|--------------------|-----------------------------|---------------|--------|---------------|---------------------------------------------------------|--------------------------------------------------|-----------------------------------|-------------------------|---------------------------------|-----------------------------|---------------|
| | | Resident. | Non-resident. | Total. | Total number. | Number who had received a degree in letters or science. | Number of graduates at the commencement of 1889. | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| NORTH ATLANTIC DIVISION. | | | | | | | | | | | | |
| Massachusetts..... | 2 | 31 | 0 | 31 | 370 | 201 | 4 | 4 | 38,000 | | | |
| Connecticut..... | 1 | 21 | 0 | 21 | 106 | 38 | 40 | 1 | 9,000 | | | |
| New York..... | 5 | 48 | 15 | 63 | 736 | 261 | 241 | 8 | 12,541 | \$16,829 | \$16,829 | |
| Pennsylvania..... | 1 | 5 | 0 | 5 | 144 | 44 | 48 | 0 | 4,200 | | | |
| SOUTH ATLANTIC DIVISION. | | | | | | | | | | | | |
| Maryland..... | 1 | 7 | 0 | 7 | 108 | 14 | 33 | 0 | 0 | 8,485 | 8,485 | |
| District of Columbia..... | 4 | 29 | 1 | 30 | 566 | 50 | 242 | 1 | 325 | 6,985 | 6,985 | |
| Virginia..... | 2 | 5 | 0 | 5 | 23 | 35 | 0 | 1 | | | | |
| West Virginia..... | 1 | 2 | 0 | 2 | 19 | 7 | 0 | 0 | | | | |
| North Carolina..... | 2 | 3 | 0 | 3 | 31 | 5 | 0 | 0 | 600 | 675 | 3,000 | |
| South Carolina..... | 2 | 2 | 0 | 2 | 26 | 4 | 11 | | | | | |
| Georgia..... | 3 | 8 | 6 | 14 | 32 | 31 | | | | 50 | 50 | |
| SOUTH CENTRAL DIVISION. | | | | | | | | | | | | |
| Kentucky..... | 1 | 3 | 0 | 3 | 29 | 12 | 0 | 0 | 2,240 | 2,240 | | |
| Tennessee..... | 3 | 11 | 0 | 11 | 101 | 8 | 51 | | | | | |
| Alabama..... | 1 | 3 | 0 | 3 | 19 | 8 | 15 | 0 | 0 | 600 | | |
| Mississippi..... | 1 | 1 | 0 | 1 | 17 | 4 | 15 | 0 | 1,500 | | | |
| Louisiana..... | 2 | 11 | 0 | 11 | 60 | 34 | 0 | 0 | | | | |
| Texas..... | 1 | 2 | 0 | 2 | 91 | 33 | | | | | | |
| NORTH CENTRAL DIVISION. | | | | | | | | | | | | |
| Ohio..... | 1 | 5 | 0 | 5 | 151 | 35 | 92 | 0 | 10 | 4,100 | 10,900 | 18,000 |
| Indiana..... | 2 | 9 | 0 | 9 | 59 | 12 | 0 | 0 | | | | |
| Illinois..... | 4 | 23 | 0 | 23 | 194 | 24 | 82 | | | 1,000 | | |
| Michigan..... | 1 | 11 | 0 | 11 | 401 | 58 | 147 | 0 | 0 | 9,951 | | |
| Wisconsin..... | 1 | 7 | 7 | 14 | 119 | | 0 | 0 | | | | |
| Minnesota..... | 1 | 18 | 0 | 18 | 67 | | 0 | 0 | | | | |
| Iowa..... | 2 | 17 | 0 | 17 | 126 | 23 | 39 | 0 | 0 | 3,908 | | |
| Missouri..... | 2 | 11 | 0 | 11 | 141 | 19 | 1 | | | | | |
| Kansas..... | 2 | 12 | 0 | 12 | 63 | 2 | 11 | 0 | 0 | | | |
| WESTERN DIVISION. | | | | | | | | | | | | |
| Oregon..... | 2 | 7 | 0 | 7 | 40 | 12 | 7 | 0 | 0 | 70 | | |
| California..... | 1 | 4 | 0 | 4 | 67 | 38 | 11 | 0 | 0 | | | |
| North Atlantic Division..... | 9 | 105 | 15 | 120 | 1,356 | 544 | 329 | 5 | 14 | 63,741 | 16,829 | 16,829 |
| South Atlantic Division..... | 15 | 56 | 7 | 63 | 805 | 73 | 359 | 1 | 1 | 925 | 16,195 | 18,520 |
| South Central Division..... | 9 | 31 | 0 | 31 | 317 | 20 | 160 | | | 2,100 | 2,240 | 2,240 |
| North Central Division..... | 16 | 113 | 7 | 120 | 1,321 | 142 | 402 | 11 | 11 | 18,959 | 10,900 | 18,000 |
| Western Division..... | 3 | 11 | 0 | 11 | 107 | 50 | 18 | 0 | 0 | 70 | | |
| United States..... | 52 | 316 | 29 | 345 | 3,906 | 829 | 1,268 | 5 | 26 | 85,795 | 46,164 | 55,589 |

TABLE 21.—Statistics of schools

| | Location. | Name. | President or dean. | Date of charter. | Year of first opening. |
|----|------------------------|--------------------------------------------------------|----------------------------------------|------------------|------------------------|
| | 1 | 2 | 3 | 4 | 5 |
| 1 | University, Ala..... | Law School of the University of Alabama. | Henry D. Clayton, LL. D..... | 1819 | 1872 |
| 2 | San Francisco, Cal.... | Hastings College of Law (University of California). | Robert P. Hastings, LL. B., dean. | 1868 | 1878 |
| 3 | New Haven, Conn... | Law Department of Yale University. | Hon. Francis Wayland, LL. D., dean. | 1701 | 1824 |
| 4 | Washington, D. C..... | Columbian University Law School. | James C. Welling, LL. D..... | 1821 | 1862 |
| 5 |do | Law Department of Georgetown University. | Charles W. Hoffman, LL. D., dean. | ..... | 1870 |
| 6 |do | Law Department of Howard University. | B. F. Leighton | 1867 | 1867 |
| 7 |do | National University Law Department.* | Campbell W. Bushnell, treasurer. | 1870 | 1870 |
| 8 | Athens, Ga | Law Department in University of Georgia. | W. E. Boggs, D. D., chancellor. | 1784 | 1857 |
| 9 | Macon, Ga | Law Department of Mercer University. | Hon. Emory Speer, LL. B ..... | ..... | ..... |
| 10 | Oxford, Ga..... | Law Department of Emory College. | W. A. Candler, D. D..... | 1884 | 1888 |
| 11 | Bloomington, Ill | Bloomington Law School (Illinois Wesleyan University). | William H. Wilder..... | 1853 | 1874 |
| 12 | Chicago, Ill | Union College of Law of Northwestern University. | Hon. Henry Booth, LL. D., dean. | 1851 | 1859 |
| 13 | Lebanon, Ill | Law Department of McKendree College. | Rev. I. Villars, D. D..... | 1834 | 1860 |
| 14 | Quincy, Ill..... | Law Department of Chaddock College. | Marquis D. Hornbeck, A. M. | 1876 | 1880 |
| 15 | Greencastle, Ind..... | Law Department of De Pauw University. | Alexander Martin, D. D., LL. D. | 1837 | 1853 |
| 16 | Notre Dame, Ind..... | Law Department of University of Notre Dame.* | Very Rev. Thomas E. Walsh, C. S. C. | ..... | 1869 |
| 17 | Des Moines, Iowa..... | Iowa College of Law (Drake University). | G. T. Carpenter, A. M..... | 1881 | 1881 |
| 18 | Iowa City, Iowa | Law Department State University of Iowa. | Charles A. Schaeffer, A. M., PH. D. | 1847 | 1868 |
| 19 | Lawrence, Kans | Law School of University of Kansas. | J. A. Lippincott, D. D., LL. D. | 1864 | 1878 |
| 20 | Wichita, Kans | Law School of Garfield University. | Christopher Reed, A. M., LL. B., dean. | 1886 | 1888 |
| 21 | Louisville, Ky | Law Department of University of Louisville. | James S. Pirtle | 1846 | 1846 |
| 22 | New Orleans, La..... | Law Department of Straight University. | Rev. R. C. Hitchcock, D. D... | 1869 | 1870 |
| 23 |do | Law Department of Tulane University. | Henry Carleton Miller, dean. | ..... | 1847 |
| 24 | Baltimore, Md | School of Law of the University of Maryland. | Severn Teackle Wallis, LL. D. | 1812 | 1870 |
| 25 | Boston, Mass | Boston University School of Law. | Edmund H. Bennett, LL. D., dean. | 1869 | 1872 |
| 26 | Cambridge, Mass | Law School of Harvard University. | Christopher C. Langdell, LL. D., dean. | 1650 | 1817 |
| 27 | Ann Arbor, Mich..... | Law Department of University of Michigan. | Henry Wade Rogers, A. M., dean. | 1837 | 1850 |
| 28 | Minneapolis, Minn.... | College of Law, University of Minnesota. | Cyrus Northrop, LL. D..... | 1851 | 1888 |
| 29 | University, Miss..... | Department of Law, University of Mississippi. | Edward Mayes, LL. D., F. S. SC. | 1844 | 1843 |
| 30 | Columbia, Mo..... | Law Department, State University of Missouri. | S. S. Laws, LL. D..... | 1839 | 1872 |

* Statistics of 1887-88.

a For the course of two years.

of law for 1888-89.

| Professors and instructors. | | | Students. | | | Is any examination required for admission? | Are graduates of your school admitted to practice in the State without further examination? | Number of years in course of study. | Number of weeks in scholastic year. | Number of endowed professorships. | Number of scholarships. | Number of volumes in library. | Annual charge for tuition. | Amount of matriculation fee. | Amount of graduation fee. | Receipts from tuition fees. | Total income. | |
|-----------------------------|---------------|--------|---------------|------------------------------------------------|---------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------------|----------------------------|------------------------------|---------------------------|-----------------------------|---------------|----|
| Resident. | Non-resident. | Total. | Total number. | Number holding a degree in letters or science. | Number of degrees conferred in course in 1888-89. | | | | | | | | | | | | | |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
| 3 | 0 | 3 | 19 | 8 | 15 | ..... | Yes. | .... | 38 | 0 | 0 | 600 | \$50 | .... | .... | .... | .... | 1 |
| 4 | 0 | 4 | 67 | 38 | 11 | Yes. | Yes. | 3 | .... | 0 | 0 | .... | 0 | .... | .... | .... | .... | 2 |
| 21 | 0 | 21 | 106 | 38 | 40 | ..... | Yes. | 2 | .... | 1 | .... | 9,000 | 100 | .... | \$5 | .... | .... | 3 |
| 8 | 0 | 8 | 202 | .... | 73 | No. | No. | 2 | 34 | 0 | 0 | .... | 80 | .... | 2 | .... | .... | 4 |
| 10 | 0 | 10 | 204 | .... | 96 | No. | No. | 2 | .... | 0 | 0 | .... | 80 | .... | 5 | .... | .... | 5 |
| 5 | 0 | 5 | 22 | 1 | 6 | .... | No. | 2 | .... | .... | .... | 75 | 40 | .... | 5 | \$600 | \$600 | 6 |
| 6 | 1 | 7 | 128 | 49 | 67 | No. | No. | 3 | 33 | 0 | 0 | 250 | 80 | 0 | 3 | 6,385 | 6,385 | 7 |
| 3 | 6 | 9 | 31 | .... | 20 | No. | Yes. | 1 | .... | 0 | 0 | .... | 75 | 0 | .... | .... | .... | 8 |
| 3 | 0 | 3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 9 |
| 2 | 0 | 2 | 1 | 0 | 1 | Yes. | Yes. | 1 | 32 | 0 | 0 | .... | 50 | \$5 | 10 | 50 | 50 | 10 |
| 7 | 0 | 7 | 39 | .... | 12 | No. | Yes. | 2 | 36 | 0 | 0 | 1,000 | 60 | .... | 5 | .... | .... | 11 |
| 5 | 0 | 5 | 137 | 24 | 64 | Yes. | Yes. | 2 | .... | 0 | 0 | .... | 80 | .... | 10 | .... | .... | 12 |
| 1 | 0 | 1 | 11 | .... | 2 | .... | Yes. | 2 | .... | .... | .... | .... | 37 | .... | .... | .... | .... | 13 |
| 10 | 0 | 10 | 7 | .... | 4 | Yes. | Yes. | 2 | .... | .... | .... | .... | 20 | 0 | 5 | .... | .... | 14 |
| 4 | 0 | 4 | 24 | .... | 12 | No. | .... | 2 | .... | 0 | 0 | .... | 40 | 10 | .... | .... | .... | 15 |
| 5 | 0 | 5 | 35 | .... | .... | .... | Yes. | 3 | .... | 0 | 0 | .... | .... | .... | .... | .... | .... | 16 |
| 10 | 0 | 10 | 14 | .... | .... | No. | Yes. | 2 | .... | 0 | 0 | .... | 50 | .... | 5 | .... | .... | 17 |
| 7 | 0 | 7 | 112 | 23 | 39 | .... | Yes. | 2 | 37 | 0 | 0 | 3,908 | 50 | .... | 7 | .... | .... | 18 |
| 3 | 0 | 3 | 51 | .... | 11 | Yes. | .... | 2 | 32 | 0 | 0 | .... | 25 | .... | 5 | .... | .... | 19 |
| 9 | 0 | 9 | 12 | 2 | .... | Yes. | .... | 2 | .... | 0 | 0 | .... | 40 | .... | 5 | .... | .... | 20 |
| 3 | 0 | 3 | 29 | .... | 12 | .... | Yes. | 2 | 29 | 0 | 0 | .... | 80 | .... | .... | 2,240 | 2,240 | 21 |
| 5 | 0 | 5 | 8 | .... | .... | .... | Yes. | 2 | .... | 0 | 0 | .... | a 75 | .... | 5 | .... | .... | 22 |
| 6 | 0 | 6 | 52 | .... | 34 | .... | Yes. | 2 | .... | 0 | 0 | .... | 80 | 0 | 0 | .... | .... | 23 |
| 7 | 0 | 7 | 108 | 14 | 33 | No. | Yes. | 3 | 36 | 0 | 0 | .... | 80 | 4 | 10 | 8,485 | 8,485 | 24 |
| 23 | 0 | 23 | 153 | 47 | .... | Yes. | No. | 3 | .... | 0 | 10 | 15,000 | 100 | .... | 10 | .... | .... | 25 |
| 8 | 0 | 8 | 217 | 154 | 27 | Yes. | No. | 3 | .... | 4 | .... | 23,000 | 150 | .... | .... | .... | .... | 26 |
| 11 | 0 | 11 | 401 | 58 | 147 | Yes. | .... | 2 | .... | 0 | 0 | 9,951 | b 25 | c 10 | 10 | .... | .... | 27 |
| 18 | 0 | 18 | 67 | .... | .... | Yes. | .... | 2 | .... | 0 | 0 | .... | 75 | .... | .... | .... | .... | 28 |
| 1 | 0 | 1 | 17 | 4 | 15 | .... | Yes. | 2 | 36 | 0 | .... | 1,500 | 50 | .... | 0 | .... | .... | 29 |
| 3 | 0 | 3 | 60 | .... | .... | No. | Yes. | 2 | .... | 0 | 1 | .... | 40-50 | .... | 5 | .... | .... | 30 |

b For residents; \$35 for non-residents.

c For residents; \$25 for non-residents.

TABLE 21.—*Statistics of schools*

| | Location. | Name. | President or dean. | Date of charter. | Year of first opening. |
|----|-------------------------|----------------------------------------------------------|-----------------------------------------------------------|------------------|------------------------|
| | 1 | 2 | 3 | 4 | 5 |
| 31 | St. Louis, Mo | St. Louis Law School, Washington University. | Marshall S. Snow, acting chancellor. | 1853 | 1867 |
| 32 | Albany, N. Y | Albany Law School (Union University). | William L. Learned, LL. D. | | 1851 |
| 33 | Buffalo, N. Y | Buffalo Law School of Niagara University. | Hon. Charles Daniels, dean . | 1883 | 1887 |
| 34 | Ithaca, N. Y | Law Department of Cornell University. | Douglas Boardman, A. M., dean. | 1865 | ..... |
| 35 | New York, N. Y | Columbia College Law School. | Henry Drisler, LL. D., acting president. | 1754 | 1858 |
| 36 |do | Department of Law, University of the City of New York. | Rev. Henry M. MacCracken, D. D., LL. D., vice-chancellor. | 1821 | 1858 |
| 37 | Boone, N. C | Colonel Folk's Law School. | Col. G. N. Folk | | 1867 |
| 38 | Chapel Hill, N. C | University Law School, University of North Carolina. | Hon. Kemp P. Battle, LL. D. . | 1789 | 1795 |
| 39 | Cincinnati, Ohio | Law School of University of Cincinnati. | Jacob D. Cox, LL. D., dean ... | 1819 | 1813 |
| 40 | Portland, Oregon | Law School of the University of Oregon. | Richard H. Thornton, LL. B., dean. | 1876 | 1884 |
| 41 | Salem, Oregon | College of Law, Willamette University. | Thomas Van Scoy, A. M., D. D. | 1853 | 1884 |
| 42 | Philadelphia, Pa | Law Department, University of Pennsylvania. | William Pepper, M. D., LL. D. | 1753 | 1789 |
| 43 | Columbia, S. C | Law Department of Allen University. | Joseph W. Morris, A. M., LL. B. | 1880 | 1882 |
| 44 |do | School of Law of University of South Carolina. | J. D. Pope, A. M., dean | 1801 | 1884 |
| 45 | Lebanon, Tenn | Law School of Cumberland University. | N. Green, LL. D., chancellor.. | 1842 | 1847 |
| 46 | Nashville, Tenn | Law Department of Central Tennessee College. | Edgar L. Gregory, dean | 1866 | 1880 |
| 47 |do | Law Department of Vanderbilt University. | L. C. Garland, LL. D., chancellor. | 1873 | 1875 |
| 48 | Austin, Tex | Law Department, University of Texas. | Leslie Waggener, A. M., LL. D., chairman of faculty. | 1881 | 1883 |
| 49 | Lexington, Va | School of Law and Equity, Washington and Lee University. | Gen. G. W. C. Lee, LL. D. | 1782 | 1867 |
| 50 | Charlottesville, Va.... | Law School, University of Virginia. | William M. Thornton, chairman of the faculty. | 1819 | 1825 |
| 51 | Morgantown, W. Va .. | Law Department of West Virginia University. | E. M. Turner, LL. D. | 1867 | 1877 |
| 52 | Madison, Wis | Law Department, University of Wisconsin. | I. C. Sloan | 1848 | 1863 |

of law for 1888-89—Continued.

| Professors and instructors. | | | Students. | | | Is any examination required for admission? | Are graduates of your school admitted to practice in the State without further examination? | Number of years in course of study. | Number of weeks in scholastic year. | Number of endowed professorships. | Number of scholarships. | Number of volumes in library. | Annual charge for tuition. | Amount of matriculation fee. | Amount of graduation fee. | Receipts from tuition fees. | Total income. | |
|-----------------------------|---------------|--------|---------------|------------------------------------------------|---------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------------|----------------------------|------------------------------|---------------------------|-----------------------------|---------------|----|
| Resident. | Non-resident. | Total. | Total number. | Number holding a degree in letters or science. | Number of degrees conferred in course in 1888-89. | | | | | | | | | | | | | |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
| 8 | 0 | 8 | 81 | .... | 19 | Yes. | Yes. | 2 | 30 | .... | .... | .... | \$80 | .... | .... | .... | .... | 31 |
| 9 | 0 | 9 | 43 | 16 | 25 | Yes. | No. | 2 | 38 | 0 | 0 | 1,215 | 150 | 0 | \$10 | \$5,271 | \$5,271 | 32 |
| 20 | 1 | 21 | 9 | 0 | 8 | Yes. | No. | 2 | 34 | 0 | 2 | 0 | 100 | 0 | 0 | 1,558 | 1,558 | 33 |
| 7 | 6 | 13 | 85 | 10 | 36 | Yes. | No. | 2 | .... | 0 | 0 | 5,326 | 75 | .... | 5 | .... | .... | 34 |
| 9 | 0 | 9 | 492 | 235 | 172 | Yes. | No. | 2 | .... | .... | ^a 3 | .... | 150 | \$5 | 25 | .... | .... | 35 |
| 3 | 8 | 11 | 107 | .... | .... | .... | No. | 2 | 35 | .... | 3 | 6,000 | 100 | .... | 10 | 10,000 | 10,000 | 36 |
| 1 | 0 | 1 | 9 | 5 | .... | .... | No. | .... | .... | 0 | 0 | 600 | 75 | .... | .... | 675 | 3,000 | 37 |
| 2 | 0 | 2 | 22 | .... | .... | .... | No. | 2 | .... | 0 | 0 | .... | .... | .... | .... | .... | .... | 38 |
| 5 | 0 | 5 | 151 | 35 | 92 | No. | Yes. | 2 | 33 | 0 | 10 | 4,100 | 75 | .... | 5 | 10,900 | 18,000 | 39 |
| 4 | 0 | 4 | 34 | 12 | 7 | No. | No. | 2 | 30 | 0 | 0 | 70 | 60 | .... | 10 | .... | .... | 40 |
| 3 | 0 | 3 | 6 | .... | .... | Yes. | .... | 2 | .... | 0 | 0 | .... | 50 | .... | 5 | .... | .... | 41 |
| 5 | 0 | 5 | 144 | 44 | 48 | Yes. | No. | 3 | .... | 0 | 6 | 4,200 | 100 | 5 | .... | .... | .... | 42 |
| 1 | 0 | 1 | 5 | .... | .... | Yes. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 43 |
| 1 | 0 | 1 | 21 | 4 | 11 | Yes. | .... | 2 | .... | 0 | 0 | .... | 40 | .... | 5 | .... | .... | 44 |
| 2 | 0 | 2 | 57 | .... | 38 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 45 |
| 5 | 0 | 5 | 7 | .... | .... | Yes. | .... | 2 | 36 | 0 | 0 | .... | 30 | .... | .... | .... | .... | 46 |
| 4 | 0 | 4 | 37 | 8 | 13 | .... | Yes. | 2 | .... | 0 | 0 | .... | 100 | .... | .... | .... | .... | 47 |
| 2 | 0 | 2 | 91 | .... | 33 | Yes. | No. | 2 | .... | .... | .... | .... | 0 | .... | .... | .... | .... | 48 |
| 3 | 0 | 3 | 23 | .... | 13 | .... | .... | 2 | 36 | 0 | 1 | .... | 75 | .... | .... | .... | .... | 49 |
| 2 | 0 | 2 | (b) | .... | 22 | .... | .... | 2 | 36 | 0 | 0 | .... | 80 | 25 | .... | .... | .... | 50 |
| 2 | 0 | 2 | 19 | .... | 7 | .... | Yes. | 1 | 36 | 0 | 0 | .... | 20 | .... | .... | .... | .... | 51 |
| 7 | 7 | 14 | 119 | .... | .... | Yes. | Yes. | 2 | .... | 0 | 0 | .... | 75 | .... | .... | .... | .... | 52 |

^a Fellowships.^b Reported with classical department.

| | | | | | | | | | | | | | | | | |
|---------------------------|----|-------|-------|-------|--------|-------|-------|-------|--------|---------|-----------|---------|---------|--------|---------|---------|
| Michigan..... | 3 | 64 | 0 | 64 | 540 | 54 | 155 | 0 | 5,705 | 5,000 | 100,000 | 5,000 | | 1,800 | 2,800 | ..... |
| Minnesota..... | 2 | 52 | 1 | 53 | 136 | 91 | 229 | 0 | 3,100 | 20,400 | 238,000 | 0 | | 53,975 | 55,024 | ..... |
| Missouri..... | 9 | 141 | 3 | 145 | 723 | 1 | 7 | 0 | 1,100 | 1,000 | 35,000 | 0 | 0 | 53,815 | 55,021 | ..... |
| Nebraska..... | 1 | 14 | 3 | 17 | 23 | 16 | 27 | 0 | 2,000 | 65,000 | 550,000 | 6,000 | 0 | 1,200 | 1,200 | ..... |
| New Hampshire..... | 1 | 3 | 11 | 14 | 68 | 16 | 27 | 0 | 2,000 | 65,000 | 550,000 | 6,000 | 0 | 4,000 | 4,000 | ..... |
| New York..... | 9 | 271 | 35 | 306 | 2,402 | 271 | 637 | 1 | 7,400 | 65,000 | 550,000 | 6,000 | 300 | 65,265 | 74,035 | ..... |
| North Carolina..... | 1 | 7 | 0 | 7 | 39 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 65,265 | 74,035 | ..... |
| Ohio..... | 10 | 147 | 29 | 176 | 838 | 48 | 230 | 0 | 5,200 | 10,800 | 470,000 | 6,000 | 480 | 20,215 | 21,940 | ..... |
| Oregon..... | 2 | 28 | 0 | 28 | 210 | 1 | 18 | 0 | 5,200 | 10,800 | 470,000 | 6,000 | 480 | 20,215 | 21,940 | ..... |
| Pennsylvania..... | 5 | 184 | ..... | 229 | 1,404 | 320 | 442 | 2 | 13,000 | 13,000 | 185,000 | 104,000 | 7,446 | 28,500 | 37,561 | ..... |
| South Carolina..... | 1 | 11 | 0 | 11 | 76 | 24 | 0 | 61 | 2,000 | 12,000 | 104,000 | 0 | 0 | 4,000 | 4,000 | ..... |
| Tennessee..... | 4 | 55 | 0 | 55 | 674 | 24 | 220 | 0 | 800 | 2,000 | 15,000 | 0 | 0 | 10,000 | 10,000 | ..... |
| Texas..... | 1 | 11 | 0 | 11 | 9 | 1 | 0 | 0 | 0 | 10,000 | 50,000 | 0 | 0 | 1,400 | 1,400 | ..... |
| Vermont..... | 2 | 24 | 1 | 25 | 230 | 45 | 80 | 0 | 0 | 10,000 | 50,000 | 0 | 0 | 1,400 | 1,400 | ..... |
| Virginia..... | 2 | 23 | 0 | 23 | 43 | 1 | 38 | ..... | ..... | 1,500 | 100,000 | ..... | 6,000 | 1,875 | 1,875 | ..... |
| Total..... | 92 | 1,719 | 143 | 1,907 | 12,238 | 1,212 | 3,206 | 3 | 53,151 | 215,100 | 2,523,000 | 124,000 | 11,076 | 24,820 | 299,584 | 356,016 |
| 3. <i>Electric.</i> | | | | | | | | | | | | | | | | |
| California..... | 1 | 11 | 0 | 11 | 31 | ..... | 10 | ..... | 1 | 150 | 500 | 20,000 | ..... | 3,000 | 3,000 | ..... |
| Georgia..... | 1 | 7 | 0 | 7 | 41 | 12 | 19 | ..... | 4 | 500 | 5,000 | 20,000 | ..... | 2,500 | 4,175 | ..... |
| Illinois..... | 1 | 14 | 4 | 18 | 97 | 28 | 37 | 0 | ..... | ..... | 30,000 | ..... | 0 | 6,500 | 6,500 | ..... |
| Indiana..... | 1 | 13 | 0 | 13 | 21 | 3 | 8 | ..... | 25 | 300 | ..... | ..... | ..... | 1,200 | 1,200 | ..... |
| Iowa..... | 1 | 6 | 4 | 10 | 27 | ..... | 12 | ..... | 80 | 1,000 | 10,000 | ..... | 0 | 4,875 | 4,875 | ..... |
| Missouri..... | 1 | 16 | 0 | 16 | 63 | ..... | 12 | ..... | 0 | 40,000 | 80,000 | 0 | 0 | 5,500 | 10,760 | ..... |
| New York..... | 1 | 14 | 7 | 21 | 76 | 2 | 12 | ..... | 0 | 8,500 | 80,000 | 0 | 0 | 5,500 | 10,760 | ..... |
| Ohio..... | 2 | 16 | 4 | 20 | 308 | 5 | 80 | ..... | 0 | ..... | ..... | ..... | ..... | 4,500 | 6,000 | ..... |
| Total..... | 9 | 97 | 19 | 116 | 669 | 50 | 186 | ..... | 42 | 1,039 | 15,500 | 200,000 | ..... | 28,135 | 26,513 | 5,200 |
| 4. <i>Homeopathic.</i> | | | | | | | | | | | | | | | | |
| California..... | 1 | 16 | 1 | 17 | 31 | 0 | 9 | ..... | 0 | 500 | 250 | ..... | 0 | 3,500 | 3,500 | ..... |
| Illinois..... | 2 | 42 | 3 | 45 | 336 | 35 | 132 | ..... | 0 | 1,200 | 2,000 | 125,000 | 0 | 20,500 | 20,500 | ..... |
| Iowa..... | 1 | 7 | 0 | 7 | 29 | 0 | ..... | ..... | 0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Massachusetts..... | 1 | 36 | 0 | 36 | 98 | 21 | 8 | ..... | 0 | 2,500 | ..... | ..... | ..... | ..... | ..... | ..... |
| Michigan..... | 1 | 5 | 0 | 5 | 73 | 8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Minnesota..... | 1 | 13 | 0 | 13 | ..... | ..... | ..... | ..... | 0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Missouri..... | 2 | 25 | 0 | 25 | 58 | 15 | ..... | ..... | 8 | 500 | 20,000 | ..... | ..... | 3,300 | 3,700 | ..... |
| New York..... | 2 | 28 | 20 | 48 | 166 | 22 | 43 | ..... | 0 | 3,100 | 240,000 | ..... | ..... | 9,434 | 9,434 | ..... |
| Ohio..... | 2 | 30 | 1 | 31 | 170 | 12 | 48 | ..... | ..... | 2,000 | 85,000 | ..... | ..... | 7,495 | 7,495 | ..... |
| Pennsylvania..... | 1 | 21 | 1 | 22 | 198 | 18 | 65 | ..... | 6 | 6,500 | 163,618 | 124,000 | 6,422 | 25,000 | 18,413 | 15,504 |
| Total..... | 14 | 223 | 26 | 249 | 1,159 | 116 | 312 | ..... | 22 | 14,144 | 29,750 | 633,618 | 124,000 | 6,422 | 25,000 | 16,004 |
| 5. <i>Physio-medical.</i> | | | | | | | | | | | | | | | | |
| Illinois..... | 1 | 5 | 6 | 11 | 15 | ..... | 5 | ..... | 0 | 250 | 0 | 0 | 0 | 1,100 | 1,300 | 200 |
| Total..... | 1 | 5 | 6 | 11 | 15 | ..... | 5 | ..... | 0 | 250 | 0 | 0 | 0 | 1,100 | 1,300 | 200 |

TABLE 22.—Summary of statistics of schools of medicine, of dentistry, and of pharmacy, for 1888-89—Continued.

| State or Territory. | Professors and instructors. | | | Students. | | | | Number of endowed professorships. | Number of scholarships. | Number of volumes in library. | Value of scientific apparatus. | Value of grounds and buildings. | Amount of productive funds. | Income from productive funds. | Amount of State or municipal aid received within the year. | Receipts from tuition fees. | Total income. | Benefactions. |
|------------------------------------|-----------------------------|---------------|---------------|---------------|---------------------------------------------------------|--------------------------------------------------|-----|-----------------------------------|-------------------------|-------------------------------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|------------------------------------------------------------|-----------------------------|---------------|---------------|
| | Resident. | Non-resident. | Total number. | Total number. | Number who had received a degree in letters or science. | Number of graduates at the commencement of 1889. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| I.—MEDICAL AND SURGICAL—Continued. | | | | | | | | | | | | | | | | | | |
| 6. Graduate. | | | | | | | | | | | | | | | | | | |
| Illinois..... | 2 | 51 | 2 | 53 | 40 | | 25 | 0 | 0 | 0 | \$1,850 | \$40,000 | 0 | 0 | 0 | \$1,067 | \$1,067 | |
| Missouri..... | 1 | 16 | 0 | 16 | 33 | | | | | | | 35,000 | | | | 46,400 | 56,000 | \$19,000 |
| New York..... | 2 | 51 | 82 | 133 | 767 | | | 0 | 0 | 603 | 6,500 | 180,000 | | | | | | |
| Pennsylvania..... | 2 | 6 | 53 | 59 | 69 | 3 | | | | | | | | | | | | |
| Total..... | 7 | 124 | 137 | 261 | 909 | 3 | 25 | | | 603 | 8,350 | 255,000 | | | | 47,467 | 57,067 | 19,000 |
| II.—DENTAL. | | | | | | | | | | | | | | | | | | |
| California..... | 1 | 29 | 0 | 29 | 29 | | 8 | 0 | 0 | | | | | | | | | |
| Colorado..... | 1 | 12 | 0 | 12 | 10 | | | 0 | 0 | | | | | | | | | |
| District of Columbia..... | 3 | 18 | | 18 | 25 | 1 | 11 | 0 | 0 | | | | | | | | | |
| Illinois..... | 3 | 124 | 7 | 131 | 236 | 13 | 94 | 0 | 0 | 150 | 1,800 | 20,000 | | | | 19,450 | 21,543 | 500 |
| Indiana..... | 1 | 5 | 1 | 6 | 51 | | 17 | 0 | 0 | | 500 | | | | | 4,915 | 5,478 | |
| Iowa..... | 1 | 18 | 0 | 18 | 84 | 0 | 21 | 0 | 0 | 21 | | | | | | | | 0 |
| Kentucky..... | 1 | 13 | 1 | 14 | 45 | | 15 | 0 | 1 | 0 | 1,000 | | | | 0 | | | 0 |
| Maryland..... | 2 | 40 | 51 | 91 | 243 | 74 | 83 | | | | 10,000 | | | | \$500 | 11,000 | 11,500 | 500 |
| Massachusetts..... | 2 | 23 | | 39 | 113 | 4 | 40 | | | | | | | | | | | |
| Michigan..... | 1 | 6 | 0 | 6 | 108 | 3 | 34 | 0 | 0 | 449 | | | | | | | | |
| Minnesota..... | 1 | 9 | 0 | 9 | | | | 0 | 0 | | | | | | | | | |
| Missouri..... | 2 | 41 | 1 | 42 | 80 | 1 | 30 | 0 | 0 | | 100 | | | | | 2,000 | 2,000 | 0 |
| New York..... | 1 | 37 | 1 | 38 | 245 | 9 | 70 | 0 | 0 | | 2,000 | | | | 0 | 26,318 | 26,318 | |
| Ohio..... | 1 | 11 | 1 | 12 | 165 | 65 | | | | | | 15,000 | | | | 14,000 | 14,000 | |
| Pennsylvania..... | 2 | 54 | 0 | 54 | 305 | 12 | 153 | 0 | 4 | 200 | 1,000 | | | | | 17,000 | 17,000 | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------|-----|-------|-----|-------|--------|-------|-------|----|--------|---------|---------|-----------|---------|--------|---------|---------|---------|---|---|
| Tennessee | 3 | 24 | 0 | 24 | 106 | 15 | 55 | 0 | 0 | 820 | 16,400 | 35,000 | | | | | | | |
| Total | 26 | 461 | 63 | 543 | 1,835 | 132 | 696 | 5 | 5 | | | | 500 | 94,653 | 97,839 | 1,000 | | | |
| III.—PHARMACEUTICAL. | | | | | | | | | | | | | | | | | | | |
| California | 1 | 9 | 0 | 9 | 86 | 18 | 0 | 0 | 0 | | | | | | | | | | |
| Colorado | 1 | 2 | 0 | 2 | 11 | 25 | 0 | 0 | 0 | | | | | | | | | | |
| District of Columbia | 2 | 5 | 0 | 5 | 76 | 124 | 0 | 0 | 0 | | 1,000 | 5,000 | | 2,652 | 3,086 | | | | |
| Illinois | 2 | 30 | 0 | 30 | 435 | 6 | 0 | 0 | 0 | | 5,000 | 50,000 | | 20,000 | 20,000 | | | | |
| Indiana | 1 | 4 | 2 | 6 | 49 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| Iowa | 2 | 8 | 0 | 8 | 24 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| Kansas | 1 | 1 | 0 | 1 | 43 | 10 | 0 | 0 | 0 | | | | | | | | | | |
| Kentucky | 2 | 7 | 0 | 7 | 97 | 10 | 20 | 0 | 0 | | 1,861 | 18,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 1 | 1 | 0 | 1 | 28 | 14 | 0 | 0 | 0 | | 300 | 1,000 | 0 | 0 | 6,000 | 6,000 | 0 | 0 | 0 |
| Maryland | 1 | 6 | 0 | 6 | 253 | 4 | 51 | 0 | 0 | | 3,500 | 20,000 | 65,000 | 200 | 12,733 | 15,000 | 1,318 | | |
| Massachusetts | 1 | 9 | 0 | 9 | 106 | 3 | 41 | 0 | 0 | | | 0 | 0 | 0 | 200 | 200 | 0 | 0 | 0 |
| Michigan | 1 | 5 | 0 | 5 | 7 | 2 | 2 | 0 | 0 | | 155 | 10,500 | 0 | 0 | 7,500 | 7,500 | 0 | 0 | 0 |
| Minnesota | 2 | 10 | 1 | 11 | 168 | 35 | 145 | 0 | 3 | | 3,630 | 7,500 | 70,000 | 1,000 | 2,556 | 30,523 | 225 | | |
| Missouri | 4 | 26 | 2 | 28 | 433 | 20 | 20 | 0 | 0 | | 500 | 20,000 | 0 | 0 | 4,500 | 5,000 | 700 | | |
| New York | 2 | 7 | 0 | 7 | 107 | 5 | 172 | 0 | 3 | | 4,375 | 24,000 | 110,000 | 0 | 2,337 | 3,172 | 125 | | |
| Ohio | 2 | 10 | 0 | 10 | 639 | 1 | 0 | 0 | 0 | | | | | 0 | | | | | |
| Pennsylvania | 2 | 10 | 0 | 10 | 23 | 6 | 0 | 0 | 0 | | | | | | | | | | |
| South Carolina | 1 | 1 | 0 | 1 | 9 | 28 | 3 | 0 | 0 | | | | | | | | | | |
| Tennessee | 1 | 9 | 0 | 9 | 28 | 3 | 6 | 0 | 0 | | | | | | | | | | |
| Texas | 1 | 4 | 0 | 4 | 49 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| Wisconsin | 1 | 4 | 0 | 4 | 49 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| Total | 30 | 162 | 5 | 170 | 2,812 | 28 | 689 | 6 | 19,321 | 103,350 | 376,000 | 1,200 | 56 | 80,253 | 94,531 | 8,868 | | | |
| IV.—VETERINARY. | | | | | | | | | | | | | | | | | | | |
| Illinois | 1 | 3 | 7 | 10 | 53 | 2 | 47 | | | 50 | 2,500 | 25,000 | | 14,000 | 14,000 | | | | |
| Massachusetts | 1 | 19 | 0 | 19 | 23 | 0 | 5 | 0 | 0 | | | | | | | | | | |
| Minnesota | 1 | 6 | 2 | 8 | 7 | | 80 | | | | | | | | | | | | |
| New York | 2 | 11 | 18 | 29 | 197 | 0 | 65 | 0 | 0 | 350 | 150 | | 0 | 11,280 | 11,280 | 0 | | | |
| Ohio | 1 | 1 | 0 | 1 | 7 | 2 | 1 | 0 | 0 | | | | | | | | | | |
| Pennsylvania | 1 | 17 | 0 | 17 | 58 | 7 | 7 | 0 | 18 | | | | | | | | | | |
| Total | 7 | 56 | 27 | 83 | 345 | 4 | 125 | 18 | 480 | 2,650 | 25,000 | | | 25,280 | 25,280 | | | | |
| TOTALS. | | | | | | | | | | | | | | | | | | | |
| Preparatory | 2 | 11 | 1 | 12 | 39 | 5 | 4 | | | 200 | 300 | | | 751 | 751 | | | | |
| Regular | 92 | 1,719 | 143 | 1,907 | 12,238 | 1,212 | 3,206 | 3 | 155 | 53,151 | 215,100 | 2,523,000 | 124,000 | 24,830 | 209,584 | 356,016 | 87,139 | | |
| Electric | 9 | 97 | 19 | 116 | 669 | 50 | 186 | | 42 | 1,039 | 15,500 | 200,000 | 0 | | 28,135 | 36,510 | 5,260 | | |
| Homoeopathic | 14 | 223 | 26 | 249 | 1,159 | 116 | 312 | | 22 | 14,144 | 20,750 | 633,618 | 124,000 | 25,000 | 62,642 | 94,464 | 16,004 | | |
| Physio-medical | 1 | 5 | 6 | 11 | 15 | | 5 | 0 | 0 | | 250 | 0 | 0 | 0 | 1,100 | 1,300 | 200 | | |
| Graduate | 7 | 124 | 137 | 261 | 909 | 3 | 25 | | 0 | 603 | 8,350 | 255,000 | | | 47,467 | 57,067 | 19,600 | | |
| Dental | 26 | 464 | 63 | 543 | 1,835 | 132 | 696 | | 5 | 820 | 16,400 | 35,000 | | 500 | 94,683 | 97,839 | 1,000 | | |
| Pharmaceutical | 30 | 162 | 5 | 170 | 2,812 | 28 | 689 | | 6 | 19,321 | 103,350 | 376,000 | 1,200 | 56 | 80,253 | 94,531 | 8,868 | | |
| Veterinary | 7 | 56 | 27 | 83 | 345 | 4 | 125 | | 18 | 480 | 2,650 | 25,000 | | | 25,280 | 25,280 | | | |
| Grand total | 188 | 2,861 | 427 | 3,352 | 20,021 | 1,550 | 5,338 | 3 | 248 | 89,758 | 391,650 | 4,047,618 | 249,200 | 17,551 | 639,898 | 763,761 | 138,011 | | |

III.—PHARMACEUTICAL.

ED 89

—75

IV.—VETERINARY.

TABLE 23.—Statistics of schools of medicine, of dentistry and of pharmacy for 1888-89.—PART I.

| Location. | Name. | President or dean. | Date of charter. | Year of first opening. | Professors and instructors. | | | Students. | | | | Number of years in full course of study. | Number of weeks in scholastic year. | Are graduates admitted to practice in the State without further examination? | Is a knowledge of medical botany required for a diploma? | Is chemical laboratory work obligatory upon students? |
|---------------------------|-----------------------------|------------------------------------------|------------------|------------------------|-----------------------------|---------------|---------------|---------------|---------------------------------------------------------|--------------------------------------------------|----|------------------------------------------|-------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
| | | | | | Resident. | Non-resident. | Total number. | Total number. | Number who had received a degree in letters or science. | Number of graduates at the commencement of 1889. | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | |
| I.—MEDICAL AND SURGICAL. | | | | | | | | | | | | | | | | |
| 1. Preparatory. | | | | | | | | | | | | | | | | |
| 1 | Portland, Me | Israel T. Dana. | 1858 | 1856 | 9 | 0 | 9 | 17 | 5 | ..... | 3 | 26 | ..... | ..... | ..... | No. |
| 2 | Poughkeepsie, N. Y. | Walter May Row, M. D., medical director. | ..... | 1858 | 2 | 1 | 3 | 22 | ..... | 4 | 2 | 34 | No.. | ..... | ..... | ..... |
| 2. Undergraduate—regular. | | | | | | | | | | | | | | | | |
| 3 | Mobile, Ala | George A. Ketchum, M. D., dean. | 1859 | 1859 | 14 | 0 | 14 | 115 | ..... | 36 | 3 | ..... | No.. | ..... | ..... | Yes. |
| 4 | Little Rock, Ark. | J. A. Dibrell, jr., M. D. | 1879 | 1879 | 14 | 0 | 14 | 83 | ..... | 17 | 3 | 20 | No.. | No.. | ..... | No. |
| 5 | Los Angeles, Cal. | Rev. M. M. Bovard, A. M., D. D. | 1880 | 1883 | 21 | 1 | 22 | 26 | ..... | ..... | 3 | ..... | Yes. | ..... | ..... | ..... |
| 6 | San Francisco, Cal. | Levi C. Lane, M. D. | 1858 | 1858 | 15 | 1 | 16 | 126 | 17 | ..... | 3 | 20 | Yes. | No.. | ..... | Yes. |
| 7 | do | Robert A. McLean, M. D., dean. | 1868 | 1864 | 20 | 0 | 20 | 73 | 17 | 11 | 3 | ..... | Yes. | Yes. | ..... | ..... |
| 8 | Boulder, Colo | Horace M. Hale, LL. D. | 1861 | 1883 | 12 | 0 | 12 | 16 | ..... | 1 | 3 | ..... | Yes. | ..... | ..... | ..... |
| 9 | Denver, Colo. | John Chase, M. D. | 1867 | 1887 | 16 | 0 | 16 | 24 | 2 | 10 | 3 | 27 | Yes. | No.. | ..... | Yes. |

| | | | | | | | | | | | | | | | | |
|----|-------------------|--------------------------------------------------------------------------------|------------------------------------------|-------|------|-------|-------|----|-----|-------|-------|------|-------|-----|-------|-------|
| 52 | St. Louis, Mo | Beaumont Hospital Medical College. | W. B. Ontton, M. D. | 1876 | 1876 | 18 | 0 | 18 | 80 | ..... | 24 | 2 | 24 | Yes | Yes | Yes |
| 53 | do | Missouri Medical College | S. S. Laws, M. D., LL. D. | 1845 | 1845 | 11 | 1 | 11 | 210 | 72 | 81 | 3 | 24 | Yes | No. | No. |
| 54 | do | St. Louis College of Physicians and Surgeons | Hon. James O. Broadhead. | 1879 | 1879 | 18 | 1 | 19 | 145 | 8 | 52 | 3 | 24 | Yes | No. | No. |
| 55 | do | St. Louis Medical College. | J. S. B. Alexner, M. D. | 1842 | 1842 | 32 | 0 | 32 | 75 | 5 | 16 | 3 | 32 | Yes | No. | Yes |
| 56 | Omaha, Neb. | Omaha Medical College. | P. S. Loisenring, M. D. | 1881 | 1881 | 14 | 3 | 17 | 23 | 63 | 1 | 7 | 2 | 26 | Yes | Yes |
| 57 | Hanover, N. H. | Dartmouth Medical College | S. C. Bartlett, D. D. | 1769 | 1769 | 3 | 11 | 14 | 63 | 16 | 27 | 3 | 26 | Yes | No. | Yes |
| 58 | Albany, N. Y. | Albany Medical College (Union University). | Willis G. Tucker, M. D., registrar. | 1839 | 1839 | 21 | 1 | 22 | 136 | ..... | 41 | 3 | 25 | Yes | No. | No. |
| 59 | Brooklyn, N. Y. | Long Island College Hospital. | Thomas H. Rodman. | 1858 | 1859 | 31 | 2 | 33 | 162 | 19 | 46 | 3 | 35 | Yes | No. | Yes |
| 60 | Buffalo, N. Y. | Medical Department of Niagara University. | John Cronyn, M. D. | 1883 | 1883 | 23 | 1 | 24 | 43 | 1 | 8 | 3 | 28 | Yes | No. | Yes |
| 61 | do | Medical Department of the University of Buffalo. | M. D. Mann, M. D. | 1846 | 1846 | 28 | 2 | 30 | 185 | 5 | 46 | 3 | ..... | Yes | Yes | Yes |
| 62 | New York, N. Y. | Belleuve Hospital Medical College | Isaac E. Taylor, M. D. | 1861 | 1861 | 23 | 1 | 24 | 440 | ..... | 137 | 3 | 34 | Yes | Yes | Yes |
| 63 | do | College of Physicians and Surgeons in the city of New York (Columbia College). | Henry Drisler, LL. D., acting president. | 1754 | 1807 | 75 | 0 | 75 | 702 | 232 | 166 | 3 | ..... | Yes | ..... | ..... |
| 64 | do | University of the City of New York, Medical Department. | Charles Inslee Purdon, M. D. | 1831 | 1841 | 45 | 0 | 45 | 629 | ..... | 179 | 3 | 34 | Yes | Yes | Yes |
| 65 | do | Woman's Medical College of the New York Infirmary. | Emily Blackwell, M. D. | 1863 | 1867 | 0 | 28 | 23 | 68 | 14 | 10 | 3 | 32 | Yes | Yes | Yes |
| 66 | Syracuse, N. Y. | College of Medicine of Syracuse University. | Rev. C. N. Sims, D. D. | 1870 | 1872 | 25 | 0 | 25 | 37 | ..... | 4 | 3 | 32 | Yes | ..... | ..... |
| 67 | Raleigh, N. C. | Leonard Medical School (Shaw University).* | Rev. H. M. Tupper, D. D. | ..... | 1865 | 7 | 0 | 7 | 39 | ..... | ..... | 4 | ..... | No. | Yes | Yes |
| 68 | Cincinnati, Ohio | Cincinnati College of Medicine and Surgery. | R. C. S. Reed, M. D. | 1851 | 1851 | 18 | 1 | 19 | 78 | 4 | 32 | 4 | 22 | Yes | No. | Yes |
| 69 | do | Medical College of Ohio. | W. W. Seeley, A. M., M. D. | 1819 | 1820 | 13 | 0 | 13 | 245 | ..... | 86 | 3 | 22 | Yes | No. | No. |
| 70 | do | Miami Medical College | W. H. Taylor, M. D. | 1865 | 1865 | 0 | 20 | 20 | 91 | ..... | 22 | 3 | 20 | Yes | No. | Yes |
| 71 | do | Woman's Medical College of Cincinnati. | G. W. Harper, A. M. | 1851 | 1857 | 16 | 0 | 16 | 27 | ..... | 8 | 3 | 20 | Yes | ..... | Yes |
| 72 | Cleveland, Ohio | Medical Department of the University of Wooster. | F. J. Weed, M. D., dean. | 1861 | 1864 | 18 | 2 | 20 | 55 | ..... | 21 | 3 | 21 | Yes | No. | Yes |
| 73 | do | Western Reserve University, Medical Department. | H. H. Powell, M. D., registrar | 1843 | 1843 | 22 | 0 | 22 | 126 | 15 | 44 | 3 | 24 | Yes | Yes | Yes |
| 74 | Columbus, Ohio | Columbus Medical College. | D. N. Kinsman, M. D. | 1875 | 1875 | 13 | 2 | 15 | 73 | 20 | 23 | 3 | 26 | Yes | No. | Yes |
| 75 | do | Starling Medical College. | Starling Loving, M. D., dean | 1847 | 1847 | 14 | 0 | 14 | 104 | 5 | 28 | 3 | 24 | Yes | Yes | Yes |
| 76 | Toledo, Ohio | Northwestern Ohio Medical College. | A. R. Stuart, M. D. | 1882 | 1883 | 21 | 1 | 22 | 10 | 2 | 9 | 3 | 26 | Yes | Yes | Yes |
| 77 | do | Toledo Medical College | Henry Kahlo | 1882 | 1883 | 12 | 3 | 15 | 29 | 2 | 8 | 3 | 24 | Yes | No. | Yes |
| 78 | Portland, Oregon. | Medical Department of Willamette University. | Thomas VanScoy, A. M., D. D. | 1833 | 1866 | 9 | 0 | 9 | 190 | ..... | 13 | 2 | ..... | Yes | ..... | ..... |
| 79 | do | University of Oregon, Medical Department. | S. E. Josephi, M. D., dean. | ..... | 1887 | 19 | 0 | 19 | 20 | 1 | 5 | 3 | 26 | Yes | No. | No. |
| 80 | Philadelphia, Pa. | Jefferson Medical College. | James Campbell. | 1826 | 1826 | ..... | ..... | 45 | 547 | 92 | 212 | 3 | 32 | Yes | ..... | Yes |
| 81 | do | Medico-Chirurgical College of Philadelphia. | W. H. Paucoast, M. D. | 1850 | 1881 | 45 | 0 | 45 | 151 | 50 | 30 | 3, 4 | 28 | Yes | Yes | Yes |
| 82 | do | University of Pennsylvania, Medical Department. | William Pepper, M. D., LL. D. | 1753 | 1765 | 71 | 0 | 71 | 445 | 148 | 129 | 3, 4 | ..... | Yes | ..... | ..... |
| 83 | do | Woman's Medical College of Pennsylvania. | T. Morris Perot. | 1850 | 1850 | 28 | ..... | 28 | 174 | 14 | 36 | 3 | 33 | Yes | No. | Yes |

* Statistics of 1887-88.

TABLE 23.—Statistics of schools of medicine, of dentistry, and of pharmacy for 1888-89.—PART I—Continued.

| Location. | Name. | President or dean. | Date of charter. | Year of first opening. | Professors and instructors. | | | Students. | | | | Number of years in full course of study. | Number of weeks in scholastic year. | Are graduates admitted to practice in the State without further examination? | Is a knowledge of medical botany required for a diploma? | Is chemical laboratory work obligatory upon students? |
|----------------------------------|--------------------------|-----------------------------------------------|------------------|------------------------|-----------------------------|---------------|---------------|---------------|---------------------------------------------------------|--------------------------------------------------|-------|------------------------------------------|-------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
| | | | | | Resident. | Non-resident. | Total number. | Total number. | Number who had received a degree in letters or science. | Number of graduates at the commencement of 1889. | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | |
| I.—MEDICAL AND SURGICAL—Cont'd. | | | | | | | | | | | | | | | | |
| 2.—Undergraduate—Regular—Cont'd. | | | | | | | | | | | | | | | | |
| 84 | Pittsburgh, Pa..... | James McCann, M. D..... | 1883 | 1886 | 40 | 0 | 40 | 87 | 16 | 35 | 3 | 36 | Yes. | Yes. | Yes. | |
| 85 | Charleston, S. C..... | R. A. Kinloch, M. D..... | 1828 | 1828 | 11 | 0 | 11 | 76 | ..... | 24 | 3 | 22 | No.. | No.. | No. | |
| 86 | Memphis, Tenn..... | W. B. Rogers, M. D..... | 1878 | 1880 | 10 | 0 | 10 | 179 | ..... | 63 | 2 | 20 | Yes. | No.. | No. | |
| 87 | Nashville, Tenn..... | L. C. Garland, LL. D., chancellor. | 1873 | 1875 | 20 | 0 | 20 | 231 | 16 | 82 | ..... | ..... | Yes. | ..... | ..... |  |
| 88 |do..... | Duncan Eve, A.M., M.D., dean | 1794 | 1877 | 14 | 0 | 14 | 209 | ..... | 61 | 2 | ..... | Yes. | ..... | ..... |  |
| 89 |do..... | G. W. Hubbard, M. D., dean.. | 1866 | 1876 | 11 | 0 | 11 | 55 | 8 | 14 | 3 | ..... | Yes. | ..... | ..... |  |
| 90 | Galveston, Tex..... | J. F. Y. Paine, M. D..... | 1874 | 1874 | 11 | 0 | 11 | 9 | 1 | 0 | 3 | 20 | No.. | No.. | Yes. | |
| 91 | Burlington, Vt..... | Matthew H. Buckham, D. D.. | 1791 | 1823 | 23 | 0 | 23 | 187 | 10 | 58 | 3 | ..... | Yes. | ..... | ..... |  |
| 92 | Rutland, Vt..... | Moses E. Cheney..... | 1887 | 1887 | 1 | 1 | 2 | 43 | 35 | 22 | 3 | 36 | Yes. | Yes. | No. | |
| 93 | Charlottesville, Va..... | William M. Thornton, chairman of the faculty. | 1819 | 1825 | 4 | 0 | 4 | (a) | ..... | 25 | ..... | ..... | No.. | ..... | ..... |  |
| 94 | Richmond, Va..... | J. S. Dorsey Cullen, M. D..... | 1854 | 1854 | 19 | 0 | 19 | 42 | 1 | 13 | 3 | 24 | No.. | No.. | No. | |

| 3. Undergraduate—Eclectic. | | | | | | | | | | | | | | | |
|---------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------------|---------------------------------------|------|------|-------|----|----|-----|-------|-------|-------|-------|-------|-------|
| 95 | San Francisco, Cal..... | California Medical College..... | D. Maclean | 1878 | 1879 | 11 | 0 | 11 | 31 | ..... | 10 | 3 | 26 | Yes. | No.. |
| 96 | Atlanta, Ga..... | Georgia College of Eclectic Medicine and Surgery..... | H. H. Green..... | 1839 | 1839 | 7 | 0 | 7 | 41 | 12 | 19 | 3 | 22 | Yes. | Yes. |
| 97 | Chicago, Ill..... | Bennett College of Eclectic Medicine and Surgery..... | A. L. Clark, M. D..... | 1869 | 1868 | 14 | 4 | 18 | 97 | 28 | 37 | 4 | 25 | Yes. | Yes. |
| 98 | Indianapolis, Ind..... | Indiana Eclectic Medical College..... | J. R. Duncan, M. D..... | 1880 | 1880 | 13 | 0 | 13 | 21 | 3 | 8 | 3 | 20 | Yes. | Yes. |
| 99 | Des Moines, Iowa..... | Iowa Eclectic Medical College..... | John Cooper, M. D..... | 1887 | 1887 | 6 | 4 | 10 | 27 | ..... | 8 | 4 | 25 | Yes. | Yes. |
| 100 | St. Louis, Mo..... | American Medical College..... | E. Younk, M. D..... | 1873 | 1873 | 16 | 0 | 16 | 68 | ..... | 12 | 3 | 40 | Yes. | Yes. |
| 101 | New York, N. Y..... | Eclectic Medical College of the City of New York..... | Samuel Sinclair..... | 1865 | 1865 | 14 | 7 | 21 | 76 | 2 | 12 | 3 | 26 | Yes. | No.. |
| 102 | Cincinnati, Ohio..... | American Eclectic Medical College..... | James Clegg Wright, M. D..... | 1879 | 1879 | 7 | 4 | 11 | 43 | 5 | 11 | 2 | 20 | Yes. | Yes. |
| 103 |do..... | Eclectic Medical Institute..... | John M. Scudder, M. D..... | 1845 | 1843 | 9 | 0 | 9 | 265 | ..... | 69 | 3 | 40 | Yes. | No.. |
| 4. Undergraduate—Homeopathic. | | | | | | | | | | | | | | | |
| 104 | San Francisco, Cal..... | Hahnemann Hospital College of San Francisco..... | J. A. Albertson, M. D..... | 1881 | 1884 | 16 | 1 | 17 | 31 | 0 | 9 | 3 | 22 | Yes. | No.. |
| 105 | Chicago, Ill..... | Chicago Homeopathic Medical Col- lege..... | J. S. Mitchell, A. M., M. D..... | 1876 | 1876 | 24 | 1 | 25 | 124 | 14 | 54 | 3 | 26 | Yes. | Yes. |
| 106 |do..... | Hahnemann Medical College and Hospital..... | David S. Smith, M. D..... | 1851 | 1855 | 18 | 2 | 20 | 212 | 21 | 78 | 3 | 21 | Yes. | No.. |
| 107 | Iowa City, Iowa..... | Homeopathic Medical Department, State University of Iowa..... | Charles A. Shaeffer, A. M., Ph. D. | 1847 | 1877 | 7 | 0 | 7 | 29 | 0 | ..... | 2, 3 | ..... | ..... | ..... |
| 108 | Besten, Mass..... | Boston University School of Medi- cine..... | I. Tisdale Talbot, M. D., dean. | 1869 | 1873 | 36 | 0 | 36 | 98 | 21 | ..... | 3, 4 | ..... | ..... | ..... |
| 109 | Ann Arbor, Mich..... | Homeopathic Medical College of the University of Michigan..... | Henry L. Obetz, M. D., dean. | 1837 | 1875 | 5 | 0 | 5 | 73 | 8 | ..... | 3 | ..... | Yes | ..... |
| 110 | Minneapolis, Minn..... | College of Homeopathy, University of Minnesota..... | Cyrus Northrop, LL. D..... | 1851 | 1888 | 13 | 0 | 13 | (b) | ..... | ..... | 3 | 26 | ..... | ..... |
| 111 | Kansas City, Mo..... | Kansas City Homeopathic Medical College..... | F. F. Casseday, Ph. B., M. D..... | 1888 | 1888 | 12 | 0 | 12 | 17 | 0 | 4 | 2 | 25 | Yes. | No.. |
| 112 | St. Louis, Mo..... | Homeopathic Medical College of Missouri..... | W. A. Edmunds, M. D..... | 1857 | 1858 | 13 | 0 | 13 | 41 | ..... | 11 | 2 | 26 | Yes. | No.. |
| 113 | New York, N. Y..... | New York Homeopathic Medical College..... | Timothy Field Allen, M. D., LL. D. | 1861 | 1861 | 28 | 0 | 28 | 129 | 22 | 38 | 3 | 24 | Yes. | No.. |
| 114 |do..... | New York Medical College and Hos- pital for Women..... | Rev. Henry S. Day..... | 1863 | 1863 | ..... | 20 | 20 | 37 | ..... | 5 | 3 | 26 | Yes. | No.. |
| 115 | Cincinnati, Ohio..... | Pulte Medical College..... | J. D. Buck, M. D..... | 1872 | 1872 | 16 | 1 | 17 | 67 | 8 | 24 | 3 | 26 | Yes. | No.. |
| 116 | Cleveland, Ohio..... | Homeopathic Hospital College..... | J. H. Wade..... | 1849 | 1849 | 14 | 0 | 14 | 103 | 4 | 24 | 3 | 26 | Yes. | Yes. |
| 117 | Philadelphia, Pa..... | Hahnemann Medical College and Hospital..... | Hon. Wm. B. Hanna..... | 1848 | 1848 | 21 | 1 | 22 | 198 | 18 | 65 | 3 | 30 | Yes. | Yes. |
| 5. Undergraduate—Physio-Medical. | | | | | | | | | | | | | | | |
| 118 | Chicago, Ill..... | Physio-Medical Institute ^a | J. E. Keep, M. D..... | 1885 | 1885 | 5 | 6 | 11 | 15 | ..... | 5 | 2 | 24 | Yes. | Yes. |
| 6. Graduate. | | | | | | | | | | | | | | | |
| 119 | Chicago, Ill..... | Chicago Peliclinic..... | Truman W. Miller, M. D..... | 1886 | 1886 | 21 | 2 | 23 | 25 | ..... | 25 | ..... | ..... | ..... | ..... |
| ^a Statistics of 1887-88. ^b Included in report of College of Medicine and Surgery. | | | | | | | | | | | | | | | |

b Included in report of College of Medicine and Surgery.

b Students included in the report of the collegiate department.

* Statistics of 1887-88.

TABLE 23.—*Statistics of schools of medicine, of dentistry, and of pharmacy for 1888-89.*—PART I—Continued.

| Location. | Name. | President or dean. | Date of charter. | Year of first opening. | Professors and instructors. | | | Students. | | | Number of years in full course of study. | Number of weeks in scholastic year. | Are graduates admitted to practice in the State without further examination? | Is a knowledge of medical botany required for a diploma? | Is chemical laboratory work obligatory upon students? |
|---------------------------------|-------------------------------------------------------------------|------------------------------------------|------------------|------------------------|-----------------------------|---------------|---------------|---------------|---------------------------------------------------------|--------------------------------------------------|------------------------------------------|-------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
| | | | | | Resident. | Non-resident. | Total number. | Total number. | Number who had received a degree in letters or science. | Number of graduates at the commencement of 1889. | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| III.—PHARMACEUTICAL.—Continued. | | | | | | | | | | | | | | | |
| 157 Chicago, Ill..... | Illinois College of Pharmacy (Northwestern University). | Oscar Oldberg, PHAR. D., dean. | 1851 | 1887 | 23 | 0 | 23 | 121 | ..... | 39 | 2 | 20 | ..... | ..... | Yes. |
| 158 La Fayette, Ind..... | School of Pharmacy, Purdue University. | James H. Smart, LL. D. .... | ..... | 1884 | 4 | 2 | 6 | 49 | ..... | 6 | 2 | 24 | ..... | ..... | ..... |
| 159 Des Moines, Iowa..... | Iowa College of Pharmacy..... | Lewis Schooler, M. D., dean .. | 1881 | 1882 | 3 | 0 | 3 | 7 | ..... | ..... | 2 | 20 | ..... | ..... | ..... |
| 160 Iowa City, Iowa | Pharmaceutical Department of State University of Iowa. | Charles A. Schaeffer, A. M., PH. D. | 1847 | 1885 | 5 | 0 | 5 | 17 | 0 | ..... | 2 | ..... | ..... | ..... | ..... |
| 161 Lawrence, Kans | Department of Pharmacy, University of Kansas. | J. A. Lippincott, D. D., LL. D.. | 1864 | 1885 | ..... | ..... | ..... | 43 | ..... | 10 | 2 | ..... | ..... | ..... | ..... |
| 162 Louisville, Ky | Louisville College of Pharmacy..... | J. W. Fowler | 1873 | 1871 | 4 | 0 | 4 | 80 | 5 | 17 | 2 | 22 | Yes. | Yes. | Yes. |
| 163 do | Louisville School of Pharmacy for Women. | Theodore Harris ..... | ..... | 1883 | 3 | 0 | 3 | 17 | 5 | 3 | 3 | 33 | Yes. | Yes. | Yes. |
| 164 New Orleans, La..... | Class in Pharmacy of the Medical Department of Tulane University. | Stanford E. Chaillé, M. D., dean. | ..... | 1838 | 1 | 0 | 1 | 28 | ..... | 14 | 2 | ..... | ..... | ..... | ..... |
| 165 Baltimore, Md..... | Maryland College of Pharmacy | Edwin Eareckson, M. D., PH. G. | 1841 | 1811 | ..... | ..... | 3 | 130 | ..... | 51 | 2 | 26 | Yes. | Yes. | Yes. |
| 166 Boston, Mass | Massachusetts College of Pharmacy. | Henry Canning | 1852 | 1867 | 6 | 0 | 6 | 253 | 4 | ..... | 2 | 31 | No. | Yes. | Yes. |
| 167 Ann Arbor, Mich..... | School of Pharmacy of University of Michigan. | Albert B. Prescott, PH. D., M. D., dean. | 1837 | 1868 | 9 | 0 | 9 | 106 | 3 | 41 | 2 | ..... | ..... | ..... | ..... |
| 168 Minneapolis, Minn..... | Minnesota College of Pharmacy | E. J. Brown, M. D..... | 1886 | 1886 | 5 | 0 | 5 | 7 | 0 | 2 | 2 | 20 | No. | Yes. | Yes. |
| 169 Kansas City, Mo..... | Kansas City College of Pharmacy | S. Emory Lanphier, M. D..... | 1889 | 1885 | 5 | 1 | 6 | 16 | 2 | 2 | 2 | 22 | Yes. | Yes. | Yes. |
| 170 St. Louis, Mo..... | St. Louis College of Pharmacy..... | F. W. Seunewald..... | 1866 | 1866 | 5 | 0 | 5 | 152 | ..... | 33 | 2 | 22 | Yes. | Yes. | Yes. |

| | | | | | | | | | | | | | | | |
|-----------------|------------------------|-------------------------------------------------------|------------------------------------------|------|-------|-------|-------|-------|-----|-------|-------|---|-------|-------|-------|
| 171 | Albany, N. Y | Albany College of Pharmacy (Union University)..... | Willis G. Tucker, M. D., Ph. D. | 1881 | 1881 | 3 | 0 | 3 | 59 | 0 | 22 | 2 | 22 | No.. | Yes. |
| 172 | Buffalo, N. Y | Department of Pharmacy, University of Buffalo. | F. P. Vandenbergh, B. S., M. D. | 1846 | 1886 | 4 | 2 | 6 | 53 | 0 | 16 | 2 | 24 | No.. | Yes. |
| 173 | Ithaca, N. Y | School of Pharmacy, Cornell University. | Charles Kendall Adams, LL. D. | 1865 | 1887 | 10 | 0 | 10 | 9 | 0 | 1 | 2 | ..... | No.. | Yes. |
| 174 | New York, N. Y | College of Pharmacy of the City of New York. | Ewen McIntyre | 1831 | 1829 | 9 | 0 | 9 | 312 | ..... | 106 | 2 | 24 | ..... | Yes. |
| 175 | Cincinnati, Ohio | Cincinnati College of Pharmacy | Andrew Watson Bain | 1850 | 1871 | 7 | 0 | 7 | 86 | ..... | 18 | 2 | 24 | No.. | Yes. |
| 176 | Columbus, Ohio | Department of Pharmacy, Ohio State University. | William H. Scott, LL. D. | 1870 | ..... | ..... | ..... | ..... | 21 | 5 | 2 | 3 | ..... | Yes. | Yes. |
| 177 | Philadelphia, Pa | Philadelphia College of Pharmacy | Charles Bullock, Ph. M. | 1822 | 1821 | 7 | 0 | 7 | 582 | 1 | 158 | 2 | 20-24 | No.. | Yes. |
| 178 | Pittsburgh, Pa | Pittsburgh College of Pharmacy | Frederick H. Eggers | 1878 | 1878 | 3 | 0 | 3 | 57 | ..... | 14 | 2 | 20 | No.. | Yes. |
| 179 | Columbia, S. C | Department of Pharmacy, University of South Carolina. | W. B. Burney, Ph. D., dean .. | 1801 | ..... | 10 | 0 | 10 | 23 | ..... | ..... | 2 | ..... | ..... | Yes. |
| 180 | Nashville, Tenn | Department of Pharmacy, Vanderbilt University. | L. C. Garland, LL. D., chancellor. | 1873 | 1875 | 9 | 0 | 9 | 28 | 3 | 6 | 2 | ..... | ..... | ..... |
| 181 | Madison, Wis | Department of Pharmacy, University of Wisconsin. | T. C. Chamberlin, Ph. D., LL. D. | 1848 | 1883 | 4 | 0 | 4 | 49 | ..... | ..... | 2 | 30 | ..... | ..... |
| IV.—VETERINARY. | | | | | | | | | | | | | | | |
| 182 | Chicago, Ill | Chicago Veterinary College | Richard J. Withers, M. D., V. S. | 1883 | 1883 | 3 | 7 | 10 | 53 | 2 | 47 | 2 | 24 | Yes. | Yes. |
| 183 | Boston, Mass | Veterinary Department of Harvard University. | Charles P. Lyman, F. R. C. V. S., dean. | 1850 | 1883 | 19 | 0 | 19 | 23 | 0 | 5 | 3 | ..... | ..... | ..... |
| 184 | Minneapolis, Minn.... | Northwestern Veterinary College | C. C. Lyford, M. D., C. M., B. S., V. S. | 1885 | 1881 | 6 | 2 | 8 | 7 | ..... | ..... | 3 | 24 | Yes. | Yes. |
| 185 | New York, N. Y | American Veterinary College | A. L. Lantard, M. D., V. M. | 1875 | 1875 | 0 | 16 | 16 | 130 | 0 | 43 | 2 | 26 | Yes. | No.. |
| 186 |do | New York College of Veterinary Surgeons. | William T. White, M. D. | 1857 | 1865 | 11 | 2 | 13 | 67 | 0 | 22 | 3 | 20 | Yes. | Yes. |
| 187 | Columbus, Ohio | School of Veterinary Medicine, Ohio State University. | William H. Scott, LL. D. | 1870 | ..... | ..... | ..... | ..... | 7 | 2 | 1 | 3 | ..... | ..... | ..... |
| 188 | Philadelphia, Pa | Veterinary Department, University of Pennsylvania. | William Pepper, M. D., LL. D. | 1753 | 1883 | 17 | 0 | 17 | 58 | ..... | 7 | 3 | 32 | Yes. | Yes. |

TABLE 23.—Statistics of schools of medicine, of dentistry, and of pharmacy for 1888-89.—PART II.

| Name. | 2 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|-------------------------------------------------------------------------------------|---|------------------------------------|-------------------------|------------------------------------|----------------------------------------------------------------|------------------------------|---------------------------|--------------------------------|--------------------------------------|-----------------------------|----------------------------------|-------------------------------------------------------------------|-----------------------------|---------------|---------------|
| | | Number of endowed profes- sors. | Number of scholarships. | Number of volumes in li- brary. | Annual charge for tuition. | Amount of matriculation fee. | Amount of graduation fee. | Value of scientific apparatus. | Value of grounds and build- ings. | Amount of productive funds. | Income from productive funds. | Amount of State or munic- pal aid received within the year. | Receipts from tuition fees. | Total income. | Benefactions. |
| I.—MEDICAL AND SURGICAL. | | | | | | | | | | | | | | | |
| 1. Preparatory. | | | | | | | | | | | | | | | |
| 1 Portland School for Medical Instruction..... | | 0 | 0 | 200 | \$67 | | | \$300 | 0 | 0 | 0 | 0 | \$754 | \$754 | 0 |
| 2 Preparatory Medical School..... | | | | | 100 | | | | | | | | | | |
| 2. Undergraduate—regular. | | | | | | | | | | | | | | | |
| 3 Medical College of Alabama..... | | 0 | 47 | | 75 | \$5 | \$25 | * 50,000 | * \$75,000 | 0 | 0 | 0 | | | 0 |
| 4 Medical Department of the Arkansas Industrial University..... | | 0 | 0 | 0 | | 5 | 25 | | 20,000 | 0 | 0 | 0 | | | 0 |
| 5 College of Medicine of the University of Southern California..... | | 0 | 0 | | 130 | 5 | 40 | | | | | | | | 0 |
| 6 Cooper Medical College..... | | 0 | 0 | 681 | 130 | 5 | 40 | 5,000 | 100,000 | 0 | 0 | 0 | 11,000 | 11,000 | 0 |
| 7 Medical Department of the University of California..... | | 0 | 0 | | 130 | 5 | 40 | | | | | | | | |
| 8 Medical Department of the University of Colorado..... | | 0 | 0 | | 0 | 5 | 10 | | | | | | | | |
| 9 Gross Medical College (Medical Department of Rocky Moun- tain University)..... | | 0 | (a) | 200 | 75 | 5 | 10 | 400 | 30,000 | | \$2,700 | 0 | 1,300 | 4,000 | |
| 10 University of Denver, Medical Department..... | | 0 | 0 | | 75 | 5 | | | | | | | | | |
| 11 Medical Department of Yale University..... | | | | | 125 | 5 | 30 | | | | | | | | |
| 12 Howard University, Medical Department..... | | 0 | | 1,000 | 50 | | | | | | | | 6,052 | 6,052 | |
| 13 Medical Department of National University*..... | | 0 | 2 | | 5 | 5 | 30 | 600 | 0 | 0 | 0 | 0 | | | \$150 |
| 14 National Medical College (Columbian University)..... | | 0 | 6 | | 100 | 5 | 10 | | | | | | | | |
| 15 University of Georgetown, Medical Department..... | | 0 | 0 | | $\left. \begin{array}{l} 60 \\ 105 \\ 45 \end{array} \right\}$ | 5 | | | | | | | | | |
| 16 Atlanta Medical College..... | | | | | 75 | 5 | 5 | 4,000 | 20,000 | | | | 7,500 | 7,500 | |
| 17 Southern Medical College..... | | | | 500 | 75 | 5 | 30 | 2,000 | 20,000 | 0 | 0 | 0 | 5,200 | 5,200 | |
| 18 Medical College of Georgia (University of Georgia)..... | | 0 | | | 75 | 5 | 30 | | | | | | | | |
| 19 Chicago Medical College (Northwestern University)..... | | 0 | 0 | | 77 | 5 | 30 | 4,500 | 45,000 | | | | 13,335 | 13,335 | |
| 20 College of Physicians and Surgeons of Chicago..... | | 0 | 0 | 0 | 60 | 5 | 30 | 2,400 | 75,000 | | | 0 | 14,000 | 14,000 | |
| 21 Rush Medical College..... | | 4 | | | 85 | 5 | 5 | 10,000 | 100,000 | | | | 30,985 | 30,985 | |

| | | 3 | 80 | 5 | 30 | 300 | 15,000 | \$3,000 | 150 | 4,242 | 7,244 | |
|----|------------------------------------------------------------------------------------|---|----|---|----|-----|--------|---------|-----|-------|-------|---|
| 22 | Woman's Medical College of Chicago ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | Chaddock College of Medicine (Chaddock College)..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,200 | 1,500 | 0 |
| 24 | Fort Wayne College of Medicine..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,320 | 1,320 | 0 |
| 25 | Central College of Physicians and Surgeons..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,500 | 4,500 | 0 |
| 26 | Medical College of Indiana ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,300 | 1,300 | 0 |
| 27 | Medical College of Physicians and Surgeons..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | Iowa College of Physicians and Surgeons..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | Medical Department, State University of Iowa..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | Hospital College of Medicine (Central University)..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | Kentucky School of Medicine ^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 | Louisville Medical College..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 | University of Louisville, Medical Department..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | Medical Department of Tulane University..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | Medical School of Maine at Bowdoin College..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 | Baltimore Medical College..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37 | Baltimore University School of Medicine..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | College of Physicians and Surgeons..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 39 | University of Maryland, School of Medicine..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40 | Woman's Medical College of Baltimore..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41 | College of Physicians and Surgeons..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42 | Harvard University Medical School..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 43 | Department of Medicine and Surgery of the University of Michigan..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 44 | Detroit College of Medicine..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | Meligan College of Medicine and Surgery..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | Medical Department of the University of Minnesota..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | Minneapolis College of Physicians and Surgeons..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | Medical Department, University of the State of Missouri..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | Kansas City Medical College..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50 | University Medical College..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 51 | Ensworth Medical College..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52 | Northwestern Medical College of St. Joseph..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 53 | Beaumont Hospital Medical College..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | Missouri Medical College..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 55 | St. Louis College of Physicians and Surgeons..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | St. Louis Medical College..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | Omaha Medical College..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | Dartmouth Medical College..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 59 | Albany Medical College (Union University)..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | Long Island College Hospital..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 61 | Medical Department of Niagara University..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62 | Medical Department of the University of Buffalo..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63 | Bellevue Hospital Medical College..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 64 | College of Physicians and Surgeons in the City of New York (Columbia College)..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65 | University of the City of New York, Medical Department..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

^a Statistics of 1887-88.

^b Sons of physicians and clergymen admitted free.

^c For residents; \$35 for non-residents.

^d For residents; \$25 for non-residents.

^e For residents of Minnesota; \$35 for non-residents.

^f For residents of Minnesota; \$25 for non-residents.

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|----|--------------------------------------------------------------|---|---|-----|----|----|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| 89 | Mohrrey Medical Department of Central Tennessee College..... | 0 | 2 | 500 | 25 | 10 | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|----|--------------------------------------------------------------|---|---|-----|----|----|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|

* Statistics of 1887-88.

a An appropriation of \$50,000 for the hospital.

b First year; \$90 second year; \$140 third year.

c For residents; \$35 for non-residents.

d For residents; \$25 for non-residents.

e For each course of 6 weeks.

TABLE 24.—Summary of all degrees conferred in 1888-89.

| State and class. | All courses. | | | Letters. | | Science. | | Philosophy. | | Art. | | Theology. | | Medicine. | | Law. | |
|-------------------------------------------------|--------------|-----------|----------|------------|-----------|------------|-----------|-------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| | In course. | Honorary. | | In course. | Honorary. | In course. | Honorary. | In course. | Honorary. | In course. | Honorary. | In course. | Honorary. | In course. | Honorary. | In course. | Honorary. |
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| Grand total..... | 13,628 | 730 | 4,154 | 225 | 1,677 | 13 | 644 | 52 | 113 | 2 | 244 | 285 | 5,372 | 8 | 1,424 | 145 | |
| Total in classical and scientific colleges..... | 8,640 | 713 | 3,539 | 224 | 1,605 | 13 | 635 | 52 | 20 | 2 | 131 | 279 | 1,494 | ..... | 1,207 | 143 | |
| Total in colleges for women..... | 780 | 6 | 615 | 1 | 72 | ..... | 9 | ..... | 84 | ..... | 113 | 3 | 3,878 | 8 | 217 | 2 | |
| Total in professional schools..... | 4,208 | 11 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| Alabama..... | 218 | 22 | 109 | 13 | 36 | ..... | 8 | 1 | 11 | ..... | 3 | 8 | 36 | ..... | 15 | ..... |  |
| Classical and scientific colleges..... | 109 | 22 | 50 | 13 | 36 | ..... | 8 | 1 | ..... | ..... | ..... | 8 | ..... | ..... | 15 | ..... |  |
| Colleges for women..... | 70 | ..... | 59 | ..... | ..... | ..... | ..... | ..... | 11 | ..... | 3 | ..... | 36 | ..... | ..... | ..... |  |
| Professional schools..... | 39 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| Arkansas..... | 37 | 5 | 9 | 1 | 11 | ..... | ..... | 1 | ..... | ..... | ..... | 2 | 17 | ..... | ..... | 1 | |
| Classical and scientific colleges..... | 20 | 5 | 9 | 1 | 11 | ..... | ..... | 1 | ..... | ..... | ..... | 2 | ..... | ..... | ..... | 1 | |
| Professional schools..... | 17 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 17 | ..... | ..... | ..... |  |
| California..... | 234 | ..... | 42 | ..... | 46 | ..... | 31 | ..... | 2 | ..... | 3 | ..... | 99 | ..... | 11 | ..... |  |
| Classical and scientific colleges..... | 165 | ..... | 35 | ..... | 46 | ..... | 31 | ..... | 2 | ..... | ..... | ..... | 40 | ..... | 11 | ..... |  |
| Colleges for women..... | 7 | ..... | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | 59 | ..... | ..... | ..... |  |
| Professional schools..... | 62 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| Colorado..... | 44 | 2 | 5 | ..... | 14 | ..... | 1 | ..... | 5 | ..... | ..... | 1 | 19 | ..... | ..... | 1 | |
| Classical and scientific colleges..... | 34 | 2 | 5 | ..... | 14 | ..... | 1 | ..... | 5 | ..... | ..... | 1 | 9 | ..... | ..... | 1 | |
| Professional schools..... | 10 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 10 | ..... | ..... | ..... |  |
| Connecticut..... | 392 | 29 | 214 | 12 | 9 | ..... | 94 | ..... | ..... | ..... | 33 | 11 | 2 | ..... | 40 | 6 | |
| Classical and scientific colleges..... | 392 | 29 | 214 | 12 | 9 | ..... | 94 | ..... | ..... | ..... | 33 | 11 | 2 | ..... | 40 | 6 | |
| Dakota..... | 22 | 6 | 8 | 1 | 11 | ..... | 3 | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | 3 | |
| Classical and scientific colleges..... | 22 | 6 | 8 | 1 | 11 | ..... | 3 | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | 3 | |

TABLE 24.—*Summary of all degrees conferred in 1888-89—Continued.*

| State and class. | All courses. | | Letters. | | Science. | | Philosophy. | | Art. | | Theology. | | Medicine. | | Law. | |
|----------------------------------------|--------------|-----------|------------|-----------|------------|-----------|-------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| | In course. | Honorary. | In course. | Honorary. | In course. | Honorary. | In course. | Honorary. | In course. | Honorary. | In course. | Honorary. | In course. | Honorary. | In course. | Honorary. |
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| Delaware..... | 4 | 1 | 3 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 |
| Classical and scientific colleges..... | 4 | 1 | 3 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 |
| District of Columbia..... | 312 | 77 | 39 | 31 | 2 | ..... | 3 | 8 | ..... | 2 | ..... | 16 | 93 | ..... | 175 | 20 |
| Classical and scientific colleges..... | 300 | 77 | 39 | 31 | 2 | ..... | 3 | 8 | ..... | 2 | ..... | 16 | 81 | ..... | 175 | 20 |
| Professional schools..... | 12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 12 | ..... | ..... | ..... |
| Florida..... | 3 | ..... | 1 | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Classical and scientific colleges..... | 3 | ..... | 1 | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Georgia..... | 316 | 7 | 128 | 2 | 17 | ..... | 10 | 2 | 15 | ..... | 2 | 3 | 113 | ..... | 31 | ..... |
| Classical and scientific colleges..... | 143 | 6 | 44 | 1 | 8 | ..... | 10 | 2 | ..... | ..... | ..... | 3 | 50 | ..... | 31 | ..... |
| Colleges for women..... | 108 | 1 | 84 | 1 | 9 | ..... | ..... | ..... | 15 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Professional schools..... | 65 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | 63 | ..... | ..... | ..... |
| Illinois..... | 1,118 | 25 | 201 | 4 | 94 | ..... | 40 | ..... | 2 | ..... | 33 | 15 | 608 | ..... | 80 | 6 |
| Classical and scientific colleges..... | 497 | 25 | 189 | 4 | 94 | ..... | 40 | ..... | 2 | ..... | 3 | 15 | 69 | ..... | 80 | 6 |
| Colleges for women..... | 12 | ..... | 12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 30 | ..... | 579 | ..... | ..... | ..... |
| Professional schools..... | 609 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Indiana..... | 314 | 28 | 153 | 6 | 90 | 1 | 36 | 1 | ..... | ..... | 1 | 13 | 47 | 1 | 17 | 6 |
| Classical and scientific colleges..... | 284 | 23 | 149 | 6 | 90 | 1 | 27 | 1 | ..... | ..... | 1 | 11 | ..... | ..... | 17 | 4 |
| Colleges for women..... | 13 | 4 | 4 | ..... | ..... | ..... | 9 | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | 2 |
| Professional schools..... | 47 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 47 | 1 | ..... | ..... |
| Iowa..... | 405 | 36 | 162 | 12 | 97 | 1 | 41 | 1 | ..... | ..... | 2 | 17 | 117 | ..... | 46 | 5 |
| Classical and scientific colleges..... | 418 | 36 | 162 | 12 | 97 | 1 | 41 | 1 | ..... | ..... | 2 | 17 | 100 | ..... | 46 | 5 |
| Professional schools..... | 17 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 17 | ..... | ..... | ..... |

| | | | | | | | | | | | | | | | |
|-----------------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Kansas | 132 | 5 | 63 | 1 | 42 | 1 | 1 | 1 | 3 | ..... | 3 | 10 | ..... | 13 | ..... |
| Classical and scientific colleges | 127 | 4 | 59 | 1 | 42 | 1 | 1 | 1 | 2 | ..... | 2 | 10 | ..... | 13 | ..... |
| Colleges for women | 5 | 1 | 4 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 1 | ..... | ..... | ..... | ..... |
| Kentucky | 339 | 32 | 87 | 18 | 27 | 1 | 1 | 1 | ..... | ..... | 12 | 10 | 200 | 3 | 12 |
| Classical and scientific colleges | 50 | 29 | 32 | 18 | 17 | 1 | 1 | 1 | ..... | ..... | ..... | 10 | ..... | ..... | 1 |
| Colleges for women | 65 | ..... | 55 | ..... | 10 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 200 | 3 | 12 |
| Professional schools | 224 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 12 | ..... | ..... | ..... | ..... |
| Louisiana | 169 | 6 | 22 | 2 | 21 | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 92 | ..... | 34 |
| Classical and scientific colleges | 165 | 6 | 19 | 2 | 20 | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 92 | ..... | 34 |
| Colleges for women | 4 | 3 | 3 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Maine | 166 | 14 | 130 | 7 | 29 | ..... | ..... | ..... | 1 | 1 | ..... | 6 | 3 | ..... | 3 |
| Classical and scientific colleges | 152 | 14 | 117 | 7 | 29 | ..... | ..... | ..... | 1 | 1 | ..... | 6 | 3 | ..... | 3 |
| Colleges for women | 14 | ..... | 13 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... |
| Maryland | 516 | 7 | 92 | 1 | 8 | 1 | 20 | 1 | ..... | ..... | 13 | 3 | 350 | ..... | 33 |
| Classical and scientific colleges | 112 | 6 | 84 | 1 | 8 | 1 | 20 | 1 | ..... | ..... | ..... | 2 | ..... | ..... | 1 |
| Colleges for women | 8 | ..... | 8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Professional schools | 396 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 13 | 1 | 350 | ..... | 33 |
| Massachusetts | 915 | 16 | 457 | 7 | 157 | ..... | ..... | ..... | 5 | ..... | 42 | 6 | 165 | ..... | 66 |
| Classical and scientific colleges | 710 | 16 | 350 | 7 | 130 | ..... | ..... | ..... | ..... | ..... | ..... | 6 | 106 | ..... | 66 |
| Colleges for women | 139 | ..... | 107 | ..... | 27 | ..... | ..... | ..... | 5 | ..... | ..... | ..... | 59 | ..... | ..... |
| Professional schools | 66 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 7 | ..... | ..... | ..... | ..... |
| Michigan | 655 | 12 | 116 | 3 | 106 | ..... | ..... | ..... | 1 | 3 | ..... | 3 | 5 | 230 | 147 |
| Classical and scientific colleges | 601 | 12 | 116 | 3 | 106 | ..... | ..... | ..... | 1 | 3 | ..... | 3 | 5 | 176 | 147 |
| Professional schools | 54 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 54 | ..... | ..... |
| Minnesota | 101 | 3 | 49 | 1 | 20 | ..... | ..... | ..... | ..... | ..... | 7 | ..... | 23 | ..... | 2 |
| Classical and scientific colleges | 90 | 3 | 48 | 1 | 20 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 20 | ..... | 2 |
| Colleges for women | 1 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Professional schools | 10 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 7 | ..... | 3 | ..... | ..... |
| Mississippi | 81 | 2 | 26 | 1 | 29 | ..... | ..... | ..... | 6 | ..... | ..... | ..... | ..... | 15 | 1 |
| Classical and scientific colleges | 55 | 2 | 6 | 1 | 29 | | | | | | | | | 15 | 1 |
| Colleges for women | 26 | | 20 | | | | | | 6 | | | | | | |

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|----------------------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Ohio..... | 1, 119 | 67 | 332 | 14 | 77 | 1 | 93 | 5 | 6 | | 18 | 34 | 494 | 2 | 99 | 11 |
| Classical and scientific colleges..... | 513 | 64 | 324 | 14 | 71 | 1 | 93 | 5 | 4 | | 18 | 33 | 3 | | | 11 |
| Colleges for women..... | 16 | ..... | 8 | ..... | 6 | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Professional schools..... | 590 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 491 | 2 | 99 | ..... |
| Oregon..... | 55 | 4 | 15 | 1 | 13 | ..... | 2 | 1 | ..... | ..... | ..... | 1 | 18 | ..... | 7 | 1 |
| Classical and scientific colleges..... | 43 | 4 | 15 | 1 | 13 | ..... | 2 | 1 | ..... | ..... | ..... | 1 | 13 | ..... | ..... | 1 |
| Professional schools..... | 12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5 | ..... | 7 | ..... |
| Pennsylvania..... | 1, 536 | 81 | 429 | 23 | 204 | 6 | 38 | 8 | 9 | ..... | 3 | 32 | 805 | ..... | 48 | 12 |
| Classical and scientific colleges..... | 872 | 81 | 383 | 23 | 204 | 6 | 38 | 8 | ..... | ..... | ..... | 32 | 199 | ..... | 48 | 12 |
| Colleges for women..... | 55 | 46 | ..... | ..... | ..... | ..... | ..... | 9 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Professional schools..... | 609 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | 606 | ..... | ..... | ..... |
| Rhode Island..... | 102 | 4 | 94 | 2 | ..... | ..... | 8 | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 1 |
| Classical and scientific colleges..... | 102 | 4 | 94 | 2 | ..... | ..... | 8 | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 1 |
| South Carolina..... | 144 | 13 | 89 | 2 | 14 | ..... | 3 | ..... | ..... | ..... | ..... | 8 | 26 | ..... | 12 | 3 |
| Classical and scientific colleges..... | 94 | 13 | 63 | 2 | 14 | ..... | 3 | ..... | ..... | ..... | ..... | 8 | 2 | ..... | 12 | 3 |
| Colleges for women..... | 26 | ..... | 26 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Professional schools..... | 24 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 24 | ..... | ..... | ..... |
| Tennessee..... | 541 | 28 | 125 | 3 | 48 | ..... | 9 | 1 | 6 | ..... | 30 | 16 | 272 | ..... | 51 | 8 |
| Classical and scientific colleges..... | 440 | 28 | 94 | 3 | 42 | ..... | 9 | 1 | 5 | ..... | 30 | 16 | 209 | ..... | 51 | 8 |
| Colleges for women..... | 38 | ..... | 31 | ..... | 6 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | 63 | ..... | ..... | ..... |
| Professional schools..... | 63 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Texas..... | 92 | 14 | 23 | 4 | 36 | ..... | ..... | ..... | 2 | ..... | ..... | 10 | ..... | ..... | 31 | ..... |
| Classical and scientific colleges..... | 84 | 14 | 20 | 4 | 33 | ..... | ..... | ..... | ..... | ..... | ..... | 10 | ..... | ..... | 31 | ..... |
| Colleges for women..... | 8 | ..... | 3 | ..... | 3 | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Vermont..... | 131 | 12 | 30 | 7 | 12 | ..... | 9 | ..... | ..... | ..... | ..... | 4 | 80 | ..... | ..... | 1 |
| Classical and scientific colleges..... | 109 | 12 | 30 | 7 | 12 | ..... | 9 | ..... | ..... | ..... | ..... | 4 | 58 | ..... | ..... | 1 |
| Professional schools..... | 22 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 22 | ..... | ..... | ..... |
| Virginia..... | 204 | 25 | 101 | 4 | 20 | 1 | 5 | ..... | 2 | ..... | 2 | 13 | 39 | ..... | 35 | 7 |
| Classical and scientific colleges..... | 167 | 24 | 83 | 4 | 18 | 1 | 5 | ..... | ..... | ..... | ..... | 12 | 26 | ..... | 35 | 7 |
| Colleges for women..... | 22 | ..... | 18 | ..... | 2 | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Professional schools..... | 15 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 1 | 13 | ..... | ..... | ..... |

TABLE 25.—Degrees conferred by colleges and scientific schools in 1888-89.

| Institutions and locations. | All classes. | | Letters. | | | Science. | | | | | Philosophy. | | | Art. | Theol-ogy. | | Medicine. | Law. | | | | | | | | | | |
|---------------------------------------------------------|--------------|-----------|------------------|------------|-----------|----------|------------|-----------|-------|---------------------------------|--------------------|-------------------------------|---------------------|------|------------|-----------|-----------|------|--------|----|----|----|----|----|----|----|----|----|
| | All degrees. | | In course, B. L. | A. B. | | A. M. | B. S. | | M. S. | In course, B. C. E. and (C. E.) | In course, B. Agr. | In course, B. M. E. and M. E. | In course, B. Arch. | | Ph. B. | | | | Ph. D. | | | | | | | | | |
| | In course. | Honorary. | | In course. | Honorary. | | In course. | Honorary. | | | | | | | In course. | Honorary. | | | | | | | | | | | | |
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| State Agricultural and Mechanical College, Auburn, Ala. | 24 | 0 | | | | | | 19 | | 3 | 2 | | | | | | | | | | | | | | | | | |
| Howard College, East Lake, Ala. | 7 | 4 | | 6 | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | |
| Southern University, Greensborough, Ala. | 20 | 3 | | 6 | 3 | 3 | | 7 | | | | | | | 8 | | | | | | | | 3 | | | | | |
| Spring Hill College, Mobile, Ala. | 17 | | | 8 | | 2 | | 3 | | | | | | | | | | | | | | | 3 | | | | | |
| University of Alabama, University, Ala. | 41 | 15 | | 24 | | 12 | | 7 | | | 2 | | | | | | | 1 | | | | | 2 | | | | | |
| Arkansas College, Batesville, Ark. | 2 | 1 | | 1 | | | | 1 | | | | | | | | | | 1 | | | | | | | | | | |
| Cane Hill College, Boonsborough, Ark. | 1 | 0 | | 1 | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| Arkansas Industrial University, Fayetteville, Ark. | 7 | 1 | | 2 | 1 | | | 3 | | | 2 | | | | | | | | | | | | | | | | | |
| Little Rock University, Little Rock, Ark. | 6 | 2 | | 1 | | 2 | | 3 | | | | | | | | | | | | | | | 1 | | | | | 1 |
| Philander Smith College, Little Rock, Ark. | 4 | 1 | | 2 | | 2 | | 11 | | | | | | | | | | | | | | | 1 | | | | | |
| University of California, Berkeley, Cal. | 85 | 0 | 3 | 10 | | | | 2 | | | | | | | 13 | | | | | | | | 11 | 8 | 18 | 11 | | |
| University of the Pacific, College Park, Cal. | 28 | | | 3 | | 6 | | 9 | 2 | | | | | | 7 | | | | | | | | | | | | | |
| St. Vincent's College, Los Angeles, Cal. | 1 | | | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| University of Southern California, Los Angeles, Cal. | 7 | 0 | | 1 | | | | | | | | | | | 2 | 31 | | | | | | | 3 | | | | | |
| Napa College, Napa City, Cal. | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| St. Ignatius College, San Francisco, Cal. | 4 | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Santa Clara College, Santa Clara, Cal. | 16 | | | 2 | 3 | | | 11 | | | | | | | | | | | | | | | | | | | | |
| Pacific Methodist College, Santa Rosa, Cal. | 10 | 0 | | 5 | | | | | | | | | | | 5 | | | | | | | | | | | | | |
| San Joaquin Valley College, Woodbridge, Cal. | 7 | | | 1 | | | | 3 | | | | | | | 3 | | | | | | | | | | | | | |
| Hesperian College, Woodland, Cal. | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| University of Colorado, Boulder, Colo. | 5 | 2 | | 3 | | | | 2 | 4 | | | | | | | | | | | | | | | | | | | |
| University of Denver, Denver, Colo. | 21 | | | 2 | | | | 6 | | | | | | | | | | | | | | | 1 | 1 | | 4 | | |
| State Agricultural College, Fort Collins, Colo. | 4 | | | | | | | 4 | | | | | | | | | | | | | | | | | | | | |
| Colorado School of Mines, Golden, Colo. | 4 | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| Trinity College, Hartford, Conn. | 29 | 5 | 13 | | | 10 | 1 | 6 | | | | | | | | | | | | | | | 3 | | | | | |
| <i>a</i> Ph. M. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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a Ph. M.

b Bachelor of painting.

| | 16 | 2 | 5 | 6 | 4 | 1 | 5 | 2 | 1 | 1 | 46 | 39 | 64 | 2 |
|-------------------------------------------------|-----|---|----|----|----|---|----|----|---|---|----|----|----|---|
| Eureka College, Eureka, Ill. | 16 | 2 | 5 | 6 | 4 | 1 | 5 | 2 | 4 | 1 | 1 | 39 | 64 | 2 |
| Northwestern University, Evanston, Ill. | 191 | 4 | 19 | 6 | 4 | 1 | 5 | 2 | 4 | 1 | 1 | 39 | 64 | 1 |
| Ewing College, Ewing, Ill. | 41 | 3 | 9 | 4 | 25 | 1 | 4 | 1 | 3 | 3 | 3 | | | |
| Knox College, Galesburg, Ill. | 14 | 0 | 1 | 1 | 5 | 5 | 5 | 1 | 5 | 2 | 2 | | | |
| Lombard University, Galesburg, Ill. | 9 | 1 | 5 | 1 | 4 | 4 | 1 | 1 | 1 | 1 | 1 | | | 1 |
| Illinois College, Jacksonville, Ill. | 16 | 0 | 1 | 11 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| Lake Forest University, Lake Forest, Ill. | 13 | 3 | 2 | 1 | 3 | 5 | 1 | 1 | 1 | 3 | 3 | 2 | | |
| McKendree College, Lebanon, Ill. | 16 | 3 | 2 | 1 | 3 | 5 | 1 | 1 | 1 | 2 | 2 | | | |
| Lincoln University, Lincoln, Ill. | 1 | 0 | | | | | | | | | | | | |
| Monmouth College, Monmouth, Ill. | 16 | 3 | 16 | 1 | 4 | 4 | 3 | 4 | 4 | 2 | 2 | | | |
| Northwestern College, Naperville, Ill. | 7 | 1 | 3 | | | | | | | | | | | |
| Chadock College, Quincy, Ill. | 6 | 1 | 5 | 3 | | | | | | | | | | |
| St. Francis Solanus College, Quincy, Ill. | 8 | 1 | 6 | 8 | 2 | | | | | | 1 | 4 | 2 | 1 |
| Augustana College, Rock Island, Ill. | 16 | 1 | 4 | | | | | | | | | | | |
| St. Joseph's Diocesan College, Teutopolis, Ill. | 4 | 5 | 2 | 3 | 4 | | | | | | | | | |
| Shurtleff College, Upper Allen, Ill. | 4 | 1 | 2 | 8 | 2 | | | | | | 1 | | | |
| Westfield College, Westfield, Ill. | 4 | 1 | 2 | | 2 | | | | | | 1 | | | |
| Wheaton College, Wheaton, Ill. | 14 | 0 | 10 | 2 | 2 | | | | | | 1 | | | |
| Indiana University, Bloomington, Ind. | 50 | 0 | 41 | 7 | | | | | | | | | | |
| Wabash College, Crawfordsville, Ind. | 15 | 1 | 13 | | 2 | | | | | | 1 | | | |
| Franklin College, Franklin, Ind. | 15 | 3 | 5 | 4 | 4 | 2 | | | | | 3 | | | |
| De Pauw University, Greencastle, Ind. | 85 | 7 | 23 | 22 | 3 | 9 | 16 | | | 1 | 3 | 12 | 1 | |
| Hanover College, Hanover, Ind. | 18 | 5 | 9 | | 9 | 1 | | | | 1 | 4 | | | |
| Hartsville College, Hartsville, Ind. | 9 | 0 | | | 2 | 7 | | | | | | | | |
| Butler University, Irvington, Ind. | 17 | 1 | 14 | 1 | 3 | | | | | | | | | |
| Purdue University, La Fayette, Ind. | 25 | | | | 11 | 8 | 6 | | | | | | | |
| Moore's Hill College, Moore's Hill, Ind. | 9 | 0 | 2 | | 7 | | | | | | | | | |
| University of Notre Dame, Notre Dame, Ind. | 14 | 5 | 2 | 1 | 3 | 1 | | | | | | | | |
| Earlham College, Richmond, Ind. | 18 | 0 | 3 | 1 | 6 | | | | | | | | | |
| Ridgeville College, Ridgeville, Ind. | 1 | | | | 1 | | 9 | | | | | | | |
| Reso Polytechnic Institute, Terre Haute, Ind. | 9 | 0 | | | 9 | | | | | | | | | |
| Iowa State Agricultural College, Ames, Iowa. | 49 | 0 | 4 | | 26 | 3 | 5 | 3 | 1 | 1 | 27 | | | |
| Coe College, Cedar Rapids, Iowa. | 2 | 1 | | | 1 | 1 | | | | | | | | |
| Amity College, College Springs, Iowa. | 3 | 2 | 3 | | 1 | 1 | | | | | | | | |
| Griswold College, Davenport, Iowa. | 2 | 3 | 1 | 1 | 1 | 1 | | | | | 1 | | | 1 |
| Luther College, Decorah, Iowa. | 10 | | 9 | 1 | | | | | | | | | | |
| Des Moines College, Des Moines, Iowa. | 2 | 0 | | 1 | | | | | | | | | | |
| Drake University, Des Moines, Iowa. | 43 | 3 | 5 | 2 | | | | | | | 1 | 21 | 7 | 3 |
| Parsons College, Fairfield, Iowa. | 27 | 4 | 10 | 4 | 7 | 1 | 7 | | | | | | | |
| Upper Iowa University, Fayette, Iowa. | 14 | 2 | 2 | 10 | 2 | 2 | 4 | e2 | | | | | | |
| Iowa College, Grinnell, Iowa. | 27 | 3 | 12 | 8 | 3 | 4 | | | | | 1 | | | |
| Lenox College, Hopkinton, Iowa. | 15 | | 5 | 3 | 6 | | | | | | 3 | | | |
| Simpson College, Indianola, Iowa. | 9 | 1 | 6 | | 3 | | | | | | 1 | 4 | | |
| State University of Iowa, Iowa City, Iowa. | 167 | 2 | 10 | 24 | 1 | | | | | | 1 | | | |
| German College, Mt. Pleasant, Iowa. | 3 | | 1 | 2 | 11 | | | | | | 51 | 21 | 39 | |
| Iowa Wesleyan University, Mt. Pleasant, Iowa. | 18 | 3 | 7 | 4 | 3 | 4 | | | | | 1 | | | 1 |
| Cornell College, Mt. Vernon, Iowa. | 32 | 2 | 7 | 4 | 4 | 1 | 4 | | | | | | | |

e Ph. M.

d These are D. V. M.

c These are L. H. D.

b Includes 35 LL. M.

a Includes 27 LL. M.

[illegible]

f Includes 1 Sc. D.

*e*Includes 1 M. L.

These are A. M. B.

Includes 5 M. V. D.

f politico literatur.

Bachelor of Didactics.

[illegible]

a Includes two engineers of mines.

b D. V. M.

Includes 3 Lit. M.

d Includes 4 Ph. M.

e L. H. D.

Ph. M.

a Includes 1 L. H. D.

Pharmacokinetics

Includes 7 V M D

Includes V. M. D.
Includes owners of mines

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| Emory and Henry College, Emory, Va. | 13 | 1 | 8 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1</ |
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a These are D. C. L.

***b* Includes 2 L. H. D.**

c D. L.

d. D. Sc.

TABLE 26.—Degrees conferred by institutions for the higher education of women in 1888-89.

| Location. | Name. | All de- grees. | | In course, B. L., or M. E. L. | In course, A. B. | In course, A. M. | In course, B. S. | In course, Ph. B. | In course, Mus. B. | In course, Art. |
|---------------------------|-------------------------------------------------------|-------------------|-----------|----------------------------------|------------------|------------------|------------------|-------------------|--------------------|-----------------|
| | | In course. | Honorary. | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Athens, Ala. | Athens Female College. | 5 | | 5 | | | | | | |
| Huntsville, Ala. | Huntsville Female College. | 53 | | 40 | | 4 | | | 6 | 3 |
| Do. | Huntsville Female Seminary. | 8 | | | | 8 | | | | |
| Marion, Ala. | Judson Female Institute. | 2 | | | | | | | 2 | |
| Tuscaloosa, Ala. | Central Female College. | 2 | | 2 | | | | | | |
| Mills College, Cal. | Mills College. | 3 | | 2 | 1 | | | | | |
| Santa Rosa, Cal. | Santa Rosa Ladies' College. | 4 | | 4 | | | | | | |
| Covington, Ga. | Georgia Methodist Female College. | 6 | | | 6 | | | | | |
| Cuthbert, Ga. | Andrew Female College. | 10 | | | 10 | | | | | |
| Forsyth, Ga. | Monroe Female College. | 5 | | | 5 | | | | | |
| La Grange, Ga. | La Grange Female College. | 21 | | | 12 | | 9 | | | |
| Do. | Southern Female College. | 10 | | | 8 | 2 | | | | |
| Macon, Ga. | Wesleyan Female College. | 52 | a1 | | 37 | | | | 13 | 2 |
| Thomasville, Ga. | Young Female College. | 4 | | | 4 | | | | | |
| Knoxville, Ill. | St. Mary's School. | 12 | | | 12 | | | | | |
| Fort Wayne, Ind. | Fort Wayne College. | 13 | b4 | | 1 | 3 | | 9 | | |
| Topeka, Kans. | College of the Sisters of Bethany. | 5 | c1 | | 4 | | | | 1 | |
| Clinton, Ky. | Clinton College. | 3 | | | 2 | | 1 | | | |
| Glasgow, Ky. | Liberty Female College. | 2 | | 2 | | | | | | |
| Glendale, Ky. | Lynnland Female College. | 2 | | 2 | | | | | | |
| Millersburgh, Ky. | Millersburgh Female College. | 13 | | 7 | 4 | | 2 | | | |
| Nicholasville, Ky. | Jessamine Female Institute. | 19 | | | 19 | | | | | |
| Russellville, Ky. | Logan Female College. | 11 | | 4 | | | 7 | | | |
| Shelbyville, Ky. | Stuart's Female College. | 12 | | | 12 | | | | | |
| Stanford, Ky. | Stanford Female College. | 3 | | 3 | | 1 | | | | |
| Clinton, La. | Silliman Female Collegiate Institute. | 1 | | | | 1 | | | | |
| Minden, La. | Minden Female College. | 3 | | 3 | | | | | | |
| Kent's Hill, Me. | Maine Wesleyan Seminary and Fe- male College. | 14 | | | 6 | 7 | | | 1 | |
| Frederick, Md. | Frederick Female Seminary. | 8 | | 8 | | | | | | |
| Northampton, Mass. | Smith College. | 60 | | 5 | 42 | 6 | 2 | | 2 | 3 |
| South Hadley, Mass. | Mount Holyoke College. | 2 | | | | | 2 | | | |
| Wellesley, Mass. | Wellesley College. | 77 | | | 51 | 3 | 23 | | | |
| Albert Lea, Minn. | Albert Lea College. | 1 | | 1 | | | | | | |
| Blue Mountain, Miss. | Blue Mountain Female College. | 11 | | 6 | 3 | | | | 2 | |
| Clinton, Miss. | Central Female Institute. | 3 | | | | | | | 3 | |
| Shuqualak, Miss. | Shuqualak Female College. | 7 | | 7 | | | | | | |
| Summit, Miss. | Lea Female College. | 5 | | 4 | | | | | 1 | |
| Columbia, Mo. | Stephens Female College. | 19 | | 8 | 3 | | | | 8 | |
| Fulton, Mo. | Fulton Synodical Female College. | 15 | | | | 3 | 3 | | 9 | |
| Independence, Mo. | Kansas City Ladies' College. | 4 | | | | | 2 | | 2 | |
| Mexico, Mo. | Hardin College. | 16 | | 3 | 4 | | | | 9 | |
| Anrora, N. Y. | Wells College. | 7 | | | 7 | | | | | |
| Poughkeepsie, N. Y. | Vassar College. | 53 | | | 49 | 4 | | | | |
| Asheville, N. C. | Asheville Female College. | 8 | | 1 | | 7 | | | | |
| Dallas, N. C. | Gaston College. | 11 | | 5 | 3 | | 2 | | 1 | |
| Thomasville, N. C. | Thomasville Female College. | 4 | | | 2 | 2 | | | | |
| Cincinnati, Ohio | Cincinnati Wesleyan College. | 16 | | | 5 | 3 | 6 | | 2 | |
| Bethlehem, Pa. | Moravian Seminary for Young Ladies. | 3 | | | 3 | | | | | |
| Bryn Mawr, Pa. | Bryn Mawr College. | 24 | | | 24 | | | | | |
| Chambersburg, Pa. | Wilson College. | 13 | | | 10 | | | | 3 | |
| Pittsburgh, Pa. | Pittsburgh Female College. | 15 | | 5 | 4 | | | | 4 | 2 |
| Due West, S. C. | Due West Female College. | 21 | | 21 | | | | | | |
| Greenville, S. C. | Greenville Female College. | 5 | | | | 5 | | | | |
| Brownsville, Tenn. | Brownsville Female College. | 6 | | | | | d6 | | | |
| Do. | Wesleyan Female College. | 6 | | 6 | | | | | | |
| Columbia, Tenn. | Columbia Athenæum. | 8 | | 8 | | | | | | |
| Jackson, Tenn. | Memphis Conference Female Insti- tute. | 18 | | 17 | | | | | | 1 |
| Belton, Tex. | Baylor Female College. | 8 | | | 3 | | | | 1 | 1 |
| Abingdon, Va. | Martha Washington College. | 6 | | | 4 | | 2 | | | |
| Gordonsville, Va. | Central Female Institute. | 8 | | | 8 | | | | | |
| Marion, Va. | Marion Female College. | 4 | | 3 | | | | | 1 | |
| Norfolk, Va. | Norfolk College for Young Ladies. | 4 | | | 2 | 1 | | | 1 | |
| Wheeling, W. Va. | Wheeling Female College. | 6 | | 4 | 1 | | 1 | | | |

a A. B.

b Two D. D. and 2 LL. D.

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TABLE 27.—Degrees conferred by professional schools in 1838-89.

| Location. | Name. | All classes. | | Theology. | | Law. | | Medicine. | | |
|-------------------------|---------------------------------------------------------------------------------|--------------|-----------|------------------|-----------------|-------------------|------------------|------------------|---------------------|-------------------|
| | | In course. | Honorary. | In course, B. D. | Honorary, D. D. | In course, LL. B. | Honorary, LL. D. | In course, M. D. | In course, D. D. S. | In course, Ph. G. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| SCHOOLS OF THEOLOGY. | | | | | | | | | | |
| Talladega, Ala..... | Theological Department of Talladega College. | 3 | ..... | 3 | ..... | ..... | ..... | ..... | ..... | ..... |
| Oakland, Cal..... | Pacific Theological Seminary..... | 3 | ..... | 3 | ..... | ..... | ..... | ..... | ..... | ..... |
| Atlanta, Ga..... | Gammon School of Theology..... | 2 | 0 | 2 | ..... | ..... | ..... | ..... | ..... | ..... |
| Chicago, Ill..... | Chicago Theological Seminary..... | 6 | ..... | 6 | ..... | ..... | ..... | ..... | ..... | ..... |
| Morgan Park, Ill..... | Baptist Union Theological Seminary..... | 24 | ..... | 24 | ..... | ..... | ..... | ..... | ..... | ..... |
| Louisville, Ky..... | Southern Baptist Theological Seminary. | 12 | ..... | 12 | ..... | ..... | ..... | ..... | ..... | ..... |
| Baltimore, Md..... | Theological Seminary of St. Sulpice and St. Mary's University. | 13 | 1 | 13 | 1 | ..... | ..... | ..... | ..... | ..... |
| Cambridge, Mass..... | Episcopal Theological School..... | 7 | ..... | 7 | ..... | ..... | ..... | ..... | ..... | ..... |
| Faribault, Minn..... | Seabury Divinity School..... | 7 | ..... | 7 | ..... | ..... | ..... | ..... | ..... | ..... |
| Madison, N. J..... | Drew Theological Seminary..... | 18 | ..... | 18 | ..... | ..... | ..... | ..... | ..... | ..... |
| Canton, N. Y..... | Canton Theological School..... | 2 | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... |
| New York, N. Y..... | General Theological Seminary of the Protestant Episcopal Church. | 8 | ..... | 8 | ..... | ..... | ..... | ..... | ..... | ..... |
| Gambier, Ohio..... | Theological Seminary of the Protestant Episcopal Church in the Diocese of Ohio. | ..... | 1 | ..... | 1 | ..... | ..... | ..... | ..... | ..... |
| Meadville, Pa..... | Meadville Theological School..... | 3 | ..... | 3 | ..... | ..... | ..... | ..... | ..... | ..... |
| Richmond, Va..... | Richmond Theological Seminary..... | 2 | 1 | 2 | 1 | ..... | ..... | ..... | ..... | ..... |
| Nashotah, Wis..... | Nashotah House..... | 3 | ..... | 3 | ..... | ..... | ..... | ..... | ..... | ..... |
| SCHOOLS OF LAW. | | | | | | | | | | |
| Louisville, Ky..... | Law Department of the University of Louisville. | 12 | ..... | ..... | ..... | 12 | ..... | ..... | ..... | ..... |
| Baltimore, Md..... | School of Law of the University of Maryland. | 33 | ..... | ..... | ..... | 33 | ..... | ..... | ..... | ..... |
| Albany, N. Y..... | Albany Law School (Union University). | 25 | ..... | ..... | ..... | 25 | ..... | ..... | ..... | ..... |
| New York, N. Y..... | Law Department of the University of the City of New York. | 41 | ..... | ..... | ..... | 41 | ..... | ..... | ..... | ..... |
| Cincinnati, Ohio..... | Law School of the Cincinnati College. | 92 | ..... | ..... | ..... | 92 | ..... | ..... | ..... | ..... |
| Portland, Oregon..... | Law School of the University of Oregon. | 7 | ..... | ..... | ..... | 7 | ..... | ..... | ..... | ..... |
| SCHOOLS OF MEDICINE. | | | | | | | | | | |
| Mobile, Ala..... | Medical College of Alabama..... | 36 | ..... | ..... | ..... | ..... | ..... | 32 | ..... | 4 |
| Little Rock, Ark..... | Medical Department, Arkansas Industrial University. | 17 | ..... | ..... | ..... | ..... | ..... | 17 | ..... | ..... |
| San Francisco, Cal..... | California Medical College..... | 10 | ..... | ..... | ..... | ..... | ..... | 10 | ..... | ..... |
| Do..... | Cooper Medical College..... | 40 | ..... | ..... | ..... | ..... | ..... | 40 | ..... | ..... |
| Do..... | Hahnemann Hospital College..... | 9 | ..... | ..... | ..... | ..... | ..... | 9 | ..... | ..... |
| Denver, Colo..... | Gross Medical College..... | 10 | ..... | ..... | ..... | ..... | ..... | 10 | ..... | ..... |
| Atlanta, Ga..... | Atlanta Medical College..... | 44 | ..... | ..... | ..... | ..... | ..... | 44 | ..... | ..... |
| Do..... | Georgia College of Eclectic Medicine and Surgery. | 19 | ..... | ..... | ..... | ..... | ..... | 19 | ..... | ..... |
| Chicago, Ill..... | Bennett College of Eclectic Medicine and Surgery. | 37 | ..... | ..... | ..... | ..... | ..... | 37 | ..... | ..... |
| Do..... | College of Physicians and Surgeons of Chicago. | 50 | ..... | ..... | ..... | ..... | ..... | 50 | ..... | ..... |
| Do..... | Chicago Homeopathic Medical College. | 54 | ..... | ..... | ..... | ..... | ..... | 54 | ..... | ..... |
| Do..... | Hahnemann Medical College and Hospital. | 78 | ..... | ..... | ..... | ..... | ..... | 78 | ..... | ..... |
| Do..... | Rush Medical College..... | 134 | ..... | ..... | ..... | ..... | ..... | 134 | ..... | ..... |
| Fort Wayne, Ind..... | Fort Wayne College of Medicine..... | 9 | ..... | ..... | ..... | ..... | ..... | 9 | ..... | ..... |
| Indianapolis, Ind..... | Central College of Physicians and Surgeons. | 7 | ..... | ..... | ..... | ..... | ..... | 7 | ..... | ..... |
| Do..... | Indiana Eclectic Medical College..... | 8 | ..... | ..... | ..... | ..... | ..... | 8 | ..... | ..... |
| Des Moines, Iowa..... | Iowa College of Physicians and Surgeons. | 9 | ..... | ..... | ..... | ..... | ..... | 9 | ..... | ..... |
| Do..... | Iowa Eclectic Medical College..... | 8 | ..... | ..... | ..... | ..... | ..... | 8 | ..... | ..... |

a Four of these are *ad eundem*.

TABLE 27.—Degrees conferred by professional schools in 1888-89—Continued.

| Location. | Name. | All classes. | | Theology. | | Law. | | Medicine. | | |
|------------------------|---------------------------------------------------------|--------------|-----------|------------------|-----------------|-------------------|------------------|------------------|---------------------|-------------------|
| | | In course | Honorary. | In course, B. D. | Honorary, D. D. | In course, LL. B. | Honorary, LL. D. | In course, M. D. | In course, D. D. S. | In course, Ph. G. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | SCHOOLS OF MEDICINE—continued. | | | | | | | | | |
| Louisville, Ky | Hospital College of Medicine..... | 62 | | | | | | 62 | | |
| Do..... | Louisville Medical College..... | 103 | | | | | | 103 | | |
| Baltimore, Md..... | Baltimore Medical College..... | 21 | | | | | | 21 | | |
| Do..... | Baltimore University School of Medicine. | 16 | | | | | | 16 | | |
| Do..... | College of Physicians and Surgeons. | 67 | | | | | | 67 | | |
| Do..... | University of Maryland, School of Medicine. | 110 | | | | | | 110 | | |
| Do..... | Woman's Medical College of Baltimore. | 2 | | | | | | 2 | | |
| Boston, Mass..... | College of Physicians and Surgeons. | 9 | | | | | | 9 | | |
| Detroit, Mich..... | Detroit College of Medicine..... | 43 | | | | | | 43 | | |
| Do..... | Michigan College of Medicine and Surgery. | 11 | | | | | | 11 | | |
| Minneapolis, Minn..... | Minneapolis College of Physicians and Surgeons. | 1 | | | | | | 1 | | |
| Kansas City, Mo..... | Kansas City Homeopathic Medical College. | 4 | | | | | | 4 | | |
| Do..... | Kansas City Medical College..... | 17 | | | | | | 17 | | |
| Do..... | University Medical College..... | 15 | | | | | | 15 | | |
| St. Joseph, Mo..... | Ensforth Medical College..... | 9 | | | | | | 9 | | |
| Do..... | Northwestern Medical College..... | 15 | | | | | | 15 | | |
| St. Louis, Mo..... | American Medical College..... | 12 | | | | | | 12 | | |
| Do..... | Beaumont Hospital Medical College. | 24 | | | | | | 24 | | |
| Do..... | Homeopathic Medical College of Missouri. | 11 | | | | | | 11 | | |
| Do..... | Missouri Medical College..... | 81 | | | | | | 81 | | |
| Do..... | St. Louis College of Physicians and Surgeons. | 52 | | | | | | a46 | 6 | |
| Do..... | St. Louis Medical College..... | 16 | | | | | | 16 | | |
| Omaha, Nebr..... | Omaha Medical College..... | 7 | | | | | | 7 | | |
| Hanover, N. H..... | Dartmouth Medical College..... | 27 | | | | | | 27 | | |
| Albany, N. Y..... | Albany Medical College..... | 41 | | | | | | 41 | | |
| Brooklyn, N. Y..... | Long Island College Hospital..... | 46 | | | | | | 46 | | |
| Buffalo, N. Y..... | Medical Department of the University of Buffalo. | 46 | | | | | | 46 | | |
| New York, N. Y..... | Bellevue Hospital Medical College..... | 137 | | | | | | 137 | | |
| Do..... | Eclectic Medical College of the City of New York. | 12 | | | | | | 12 | | |
| Do..... | New York Homeopathic Medical College and Hospital. | 38 | | | | | | 38 | | |
| Do..... | New York Medical College and Hospital for Women. | 5 | | | | | | 5 | | |
| Do..... | University of the City of New York, Medical Department. | 179 | | | | | | 179 | | |
| Do..... | Woman's Medical College of the New York Infirmary. | 10 | | | | | | 10 | | |
| Cincinnati, Ohio..... | American Eclectic Medical College..... | 11 | | | | | | b11 | | |
| Do..... | Cincinnati College of Medicine and Surgery. | 32 | | | | | | 32 | | |
| Do..... | Eclectic Medical Institute..... | 69 | | | | | | 69 | | |
| Do..... | Medical College of Ohio..... | 86 | | | | | | 86 | | |
| Do..... | Miami Medical College..... | 22 | | | | | | 22 | | |
| Do..... | Pulte Medical College..... | 24 | | | | | | 24 | | |
| Do..... | Woman's Medical College of Cincinnati. | 8 | | | | | | 8 | | |
| Cleveland, Ohio..... | Homeopathic Hospital College..... | 24 | | | | | | 24 | | |
| Do..... | Medical Department of the University of Wooster. | 21 | | | | | | 21 | | |
| Do..... | Western Reserve University, Medical Department. | 44 | | | | | | 44 | | |
| Columbus, Ohio..... | Columbus Medical College..... | 22 | | | | | | 22 | | |
| Do..... | Starling Medical College..... | 28 | | | | | | 28 | | |
| Toledo, Ohio..... | Northwestern Ohio Medical College..... | 9 | | | | | | 9 | | |
| Do..... | Toledo Medical College..... | 8 | | | | | | 8 | | |

a Two of these are *ad eundem*.b One of these was *ad eundem*.

TABLE 27.—Degrees conferred by professional schools in 1888-89.—Continued.

| Location. | Name. | All classes. | | Theology. | | Law. | | Medicine. | | |
|---------------------------------|-------------------------------------------------|--------------|-----------|------------------|-----------------|-------------------|------------------|------------------|---------------------|-------------------|
| | | In course. | Honorary. | In course, B. D. | Honorary, D. D. | In course, LL. B. | Honorary, LL. D. | In course, M. D. | In course, D. D. S. | In course, Ph. G. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| SCHOOLS OF MEDICINE—continued. | | | | | | | | | | |
| Portland, Oregon | University of Oregon, Medical Department. | 5 | ..... | ..... | ..... | ..... | ..... | 5 | ..... | ..... |
| Philadelphia, Pa. | Hahnemann Medical College and Hospital. | 65 | ..... | ..... | ..... | ..... | ..... | 65 | ..... | ..... |
| Do..... | Jefferson Medical College..... | 212 | ..... | ..... | ..... | ..... | ..... | 212 | ..... | ..... |
| Do..... | Medico-Chirurgical College..... | 30 | ..... | ..... | ..... | ..... | ..... | 30 | ..... | ..... |
| Do..... | Woman's Medical College of Pennsylvania. | 36 | ..... | ..... | ..... | ..... | ..... | 36 | ..... | ..... |
| Charleston, S. C. | Medical College of the State of South Carolina. | 24 | ..... | ..... | ..... | ..... | ..... | 24 | ..... | ..... |
| Memphis, Tenn. | Memphis Hospital Medical College .. | 63 | ..... | ..... | ..... | ..... | ..... | 63 | ..... | ..... |
| Rutland, Vt. | Vermont Medical College..... | 22 | ..... | ..... | ..... | ..... | ..... | 22 | ..... | ..... |
| Richmond, Va. | Medical College of Virginia..... | 13 | ..... | ..... | ..... | ..... | ..... | 13 | ..... | ..... |
| SCHOOLS OF DENTISTRY. | | | | | | | | | | |
| Chicago, Ill. | American College of Dental Surgery. | 30 | ..... | ..... | ..... | ..... | ..... | ..... | 30 | ..... |
| Do..... | Chicago College of Dental Surgery .. | 64 | ..... | ..... | ..... | ..... | ..... | ..... | 64 | ..... |
| Indianapolis, Ind. | Indiana Dental College..... | 17 | ..... | ..... | ..... | ..... | ..... | ..... | 17 | ..... |
| Louisville, Ky. | Louisville College of Dentistry..... | 15 | ..... | ..... | ..... | ..... | ..... | ..... | 15 | ..... |
| Baltimore, Md. | Baltimore College of Dental Surgery. | 44 | ..... | ..... | ..... | ..... | ..... | ..... | 44 | ..... |
| Do..... | University of Maryland, Dental Department. | 39 | ..... | ..... | ..... | ..... | ..... | ..... | 39 | ..... |
| Boston, Mass. | Boston Dental College..... | 23 | ..... | ..... | ..... | ..... | ..... | ..... | 23 | ..... |
| Kansas City, Mo. | Kansas City Dental College..... | 11 | ..... | ..... | ..... | ..... | ..... | ..... | 11 | ..... |
| St. Louis, Mo. | Missouri Dental College..... | 19 | ..... | ..... | ..... | ..... | ..... | ..... | 19 | ..... |
| New York, N. Y. | New York College of Dentistry..... | 70 | ..... | ..... | ..... | ..... | ..... | ..... | 70 | ..... |
| Cincinnati, Ohio. | Ohio College of Dental Surgery..... | 65 | ..... | ..... | ..... | ..... | ..... | ..... | 65 | ..... |
| Philadelphia, Pa. | Pennsylvania College of Dental Surgery. | 91 | ..... | ..... | ..... | ..... | ..... | ..... | 91 | ..... |
| SCHOOLS OF PHARMACY. | | | | | | | | | | |
| Washington, D. C. | National College of Pharmacy..... | 12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 12 |
| Chicago, Ill. | Chicago College of Pharmacy..... | 85 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 85 |
| La Fayette, Ind. | School of Pharmacy, Purdue University. | 6 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 6 |
| Louisville, Ky. | Louisville College of Pharmacy..... | 17 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 17 |
| Do..... | Louisville School of Pharmacy for Women. | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 |
| Baltimore, Md. | Maryland College of Pharmacy..... | 51 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 51 |
| Boston, Mass. | Massachusetts College of Pharmacy. | 27 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 27 |
| Minneapolis, Minn. | Minnesota College of Pharmacy..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 |
| Kansas City, Mo. | Kansas City College of Pharmacy..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 |
| St. Louis, Mo. | St. Louis College of Pharmacy..... | 33 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 33 |
| Albany, N. Y. | Albany College of Pharmacy..... | 22 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 22 |
| Buffalo, N. Y. | Buffalo College of Pharmacy..... | 16 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 16 |
| New York, N. Y. | College of Pharmacy of the City of New York. | 106 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 106 |
| Cincinnati, Ohio. | Cincinnati College of Pharmacy..... | 18 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 18 |
| Philadelphia, Pa. | Philadelphia College of Pharmacy..... | 158 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 158 |
| Pittsburgh, Pa. | Pittsburgh College of Pharmacy..... | 14 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 14 |
| SCHOOLS OF VETERINARY MEDICINE. | | | | | | | | | | |
| Chicago, Ill. | Chicago Veterinary College..... | 47 | ..... | ..... | ..... | ..... | ..... | a47 | ..... | ..... |
| New York, N. Y. | American Veterinary College..... | 43 | ..... | ..... | ..... | ..... | ..... | a43 | ..... | ..... |
| Do..... | New York College of Veterinary Surgeons. | 22 | ..... | ..... | ..... | ..... | ..... | a22 | ..... | ..... |

a These are V. S.

VI.—COURSES

TABLE 28.—*Courses of study in*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|---|------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | University of Alabama, University, Ala. | A. B. | Freshman: Latin—Horace, Latin prosody, exercises in writing Latin; Greek—Gram. (Goodwin), Leighton's Lessons, Xen. Sophomore: Latin—Horace, Cic., Caesar, Latin comp.; Greek—Xen., Plato, Herod., Greek comp. Junior: Latin—Catullus, Tibullus, and Propertius, Latin metres, Roman lit., Tacitus, comp., extemporalia, Terence, and Pliny's letters; Greek—Thucyd., Homer, Greek hist. comp., Æschylus, Sophocles, Eurip., or Aristophanes. | Freshman: Alg. (Wells), geom. (Wentworth). Sophomore: Trig. and analyt. geom. (Wentworth). Senior: Astron. (Newcomb and Holden). |
| | | B. S. | Freshman and Sophomore: Same as in A. B. course, except that Greek is elective with physics and chem. | Same as in A. B. course. |
| | | C. E. | | Freshman: Same as in A. B. course. Sophomore: Trig., descrip. geom., analyt. geom., quaternions. Junior: Dif. and integ. calc. (Taylor). Senior: Astron. (Snell's Olmsted, Newcomb and Holden). |
| 2 | University of California, Berkeley, Cal. | A. B. | Freshman: Latin—Livy, Cicero, Horace, comp.; Greek—Homer, Herod., Thucyd., Xen., Demos. Sophomore: Latin—Horace, Cicero, Plautus, Terence, Roman archaeology; Greek—Plato, Æschylus, Eurip., Sophocles. Junior: Latin—Cic., Quint., Juvenal, Tacitus. Greek—Sophocles, Plato, Lysias, Demos. Senior: Latin—Cic., Lucretius, Rom. lit., Virgil, elegiac poets; Greek—Demos., Æschines, Aristophanes, Greek lit. | Freshman: Geom., alg. Sophomore: Trig., analyt. geom. Junior: Dif. and integ. calc., dif. equations, analyt. geom. of space, conic sections (Salomon), quaternions, math. exercises in lab'y. Senior: Any elective, gen. astron. (Newcomb and Holden). |
| | | B. L. | Latin—Same as in A. B. course. Senior: Greek—Greek lit. | Same as in A. B. course. |
| | | Ph. B. | Freshman: Latin—Livy, Cic., Horace, comp.; Greek—Homer, Herod., Thucyd., Xen., Demos. Sophomore: Latin—Horace, Cic., Plautus, Terence; Greek—Plato, Æschylus, Eurip., Sophocles. | Freshman and Sophomore: Same as in A. B. course. Junior: Dif. equations, conic sections, quaternions. |
| | | B. S. in Agr. | | Freshman: Geom., alg., trig., analyt. geom., dif. calc., math. exercises in lab'y. Sophomore: Dif. calc., int. calc. Junior: Sur. Senior: Astron. |
| | | B. S. in Mech. | | Freshman: Same as in B. S. course in Agr. Sophomore: Dif. and integ. calc., analyt. geom. of space, math. exercises. Junior: Dif. equations, least squares, analyt. mech., conic secs., quaternions. Senior: Hydrodynamics, any elective. |

OF STUDY.

colleges and universities.—PART I.

Italics are elective.

| English. | Modern languages. | Philosophy. | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Freshman: Gram. and anal. (Meiklejohn), comp., elocution. Sophomore: Comp. and rhet. (Raub), comp., higher rhet., elocution. Junior: Essays, Eng. lit. (Kellogg), Eng. classics, orations. Senior: Anglo-Saxon (Sweet), Eng. lang. (Gilmore), Eng. classics, orations. | Junior: French—Principia, Fr. reader (Otto); German—Gram. (Ahn), reader (Whitney), Lamartine. Senior: French—Lacombe, Molière, Corneille; German—Schiller, Goethe, Lessing. | Junior: Logic (Jevons-Hill). Senior: Ment. phil. (Haven), moral phil. (Peabody). | 1 |
| Freshman and Sophomore: Same as in A. B. course. | Same as in A. B. course..... | | |
| Same as in B. S. course..... | | | |
| Freshman: Eng. prose style. Sophomore: Hist. of Eng. lit., Eng. classics. Junior: <i>Shakespeare, Burke, old English</i> . Senior: <i>Chaucer and middle English, Longfellow's Dante, advanced old English, Milton</i> . | Sophomore: <i>Introductory courses in French and German</i> . Junior: German— <i>Middle high Ger., Goethe or Lessing</i> . French— <i>Advanced course</i> . Senior: German— <i>Lessing or Goethe</i> ; French— <i>Advanced course</i> . | Junior: <i>Empirical psychology, hist. of European phil.</i> Senior: <i>El. ethics, ancient idealism, modern idealism, Kant's pract. phil.</i> | 2 |
| Same as in A. B. course..... | Freshman: German— <i>Gram.</i> (Joyne-Meissner), <i>prose</i> (Boisen); French— <i>Gram.</i> (Kee-tel), <i>reading</i> . Sophomore: German— <i>Schiller</i> ; French— <i>Gram., Horace, discours sur le style</i> (Buffon), <i>Hernani, Le Misanthrope</i> . Junior and Senior: Same as in A. B. course. | Same as in A. B. course. | |
| Freshman: <i>Eng. prose style</i> . Sophomore: <i>Hist. of Eng. lit.</i> , Eng. classics. Junior and Senior: Same as in A. B. course. | Same as in B. L. course | Same as in A. B. course. | |
| Freshman: Eng. prose style, preparation of summaries. | Freshman and Sophomore: Same as in B. L. course. Junior: German— <i>Goethe or Lessing</i> ; French—Same as in B. L. course. | | |
| Same as in B. S. course in Agr.. | Same as in B. L. course | | |

TABLE 28. — *Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|---|-----------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 | University of California, Berkeley, Cal.—Continued. | B. S. in Min. | ..... | Freshman and Sophomore: Same as in B. S. course in Mech. Junior: <i>Dif. equations</i> , analyt. mech., <i>conic secs.</i> , <i>quaternions</i> , sur. Senior: Same as in B. S. course in Mech. |
| | | B. S. in Civ. Eng. | ..... | Freshmen and Sophomore: Same as in B. S. course in Mech. Junior: <i>Dif. equations</i> , least squares, analyt. mech., sur., <i>conic secs.</i> , <i>quaternions</i> . Senior: Hydrodynamics, nav., astron., any elective. |
| | | B. S. in Chem. | ..... | Same as in B. S. course in Agr. |
| 3 | University of Colorado, Boulder, Colo. | ..... | Latin—Mythology, Tibullus, Propertius, Horace, Cicero, Juvenal, Tacitus, Plant., Terence, Lucretius, Catullus, Virgil, Rom. hist., Rom. Archaeol., prose. Greek—Homer, hist. of Greece, Homeric Criticism, Soph., Greek lit., Æschylus, Eurip., lyric poetry, Greek art and comedy, Aristophanes, comp., Demos., Socrates, Oratory, Plato, Herod., Greek phil., Thucyd., Greek in English. | Higher alg. (Bowser, Olney, Todhunter), trig. (Wentworth, Wells, Chauvenet), plane analyt. (Briggs, Olney, Newcomb, Salmon), solid analyt. (Aldis, Frost), calc. (Taylor, Byerly, Rice and Johnson, Williamson), determinants (Hanus, Peck, Scott), quaternions (Hardy, Tait, Hamilton), hist. of math. (Ball, Gow, Allman), descrip. astron. (Chambers), pract. astron. (Loomis, Chauvenet, Doolittle), gen. astron. (Newcomb and Holden, Young), theoret. astron. (Watson), plane sur. (Carhart, Van Amringe, Johnson), geodesy (Gore, Clarke). |
| 4 | University of Denver, Denver, Colo. | A. B. | Freshman: Latin—Livy; Greek—Odyssey. Sophomore: Latin—Horace; Greek—Plato, Thucyd. Junior: Latin—Tacitus, Cic., Terence; Greek—Demos. Senior: Greek—A drama. | Freshman: Sph. trig. and sur. (Wells), higher equations (Howe). Sophomore: Analyt. geom., mechanics (Wood). Senior: Astron. (Newcomb and Holden). |
| | | B. L. | Latin—Same as in A. B. course. | Freshman and Senior: Same as in A. B. course. |
| | | B. S. .... | ..... | Freshman: Sph. trig. and sur., higher equations, math. review. Sophomore: Analyt. Geom., mechanics. Junior: Calc. (Taylor), analyt. mech. (Peck). Senior: Math. astron. and astron. |
| 5 | Trinity College, Hartford, Conn. | A. B. | Freshman: Latin—Cic., Livy, Horace, Pliny, comp.; Greek—Homer, Herod., comp., hist., hist. of lit. Sophomore: Latin—Tacitus, hist., Catullus, Tibullus, Propertius, Ovid, Lucan, Virgil, hist. of Rom. lit.; Greek—Eurip., hist. of the drama, Plato, Demos., Theocritus, hist. of lit. Junior: Latin—Tacitus, hist., Horace, Lucretius, Quintilian; Greek—Plato, comp., Eurip., Homer, Lucian. Senior: Latin—Cic., or Seneca, Persius and Juvenal, Quintilian; Greek—Æschylus, comp., Eurip., Homer, Lucian. | Freshman: Alg., geom. of space, plane and sph. trig., sur., nav. Sophomore: Analyt. geom., analyt. mech. (Peck), Junior: <i>Dif. and integ. calc.</i> , math. and descrip. astron. Senior: Astron. |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Same as in B. S. course in Agr.. | Freshman and Sophomore: Same as in B. L. course. | ..... | 2 |
| Same as in B. S. course in Agr.. | Same as in B. S. in Mining ..... | ..... |  |
| Freshman: Same as in B. S. course in Agr. Sophomore: <i>Hist. of Eng. lit., Eng. classics.</i> Junior: Same as in A. B. course. | Freshman: German—Gram., Ger. prose. Sophomore: Schiller. Junior: French—Gram., reading. | ..... |  |
| Sweet's Anglo-Saxon Reader (Beowulf), Whitney's Life and Growth of Lang., early Eng. (Morris and Skeat), hist. of Eng. lang., study of Eng. authors, criticism, lectures, comp., lit., rhetoric, oratory, English authors of America. | German—German plays, tales, and conversations, German historical dramas, gram. and reader (Whitney), modern fiction, Ger. lyrics and ballads, comp., Schiller, Lessing, Goethe, <i>literaturgeschichte</i> ; French—Gram. (Whitney), prose authors, <i>littérature Française</i> , Alfred de Vigny's <i>Cinq Mars</i> , La Fontaine's <i>Fables</i> , modern comedies, <i>Athalie</i> , <i>L'Avare</i> , <i>Le Cid</i> , prose of the nineteenth century. | Logic (Jevons), psychology (Sully), moral phil. (Calderwood), introduction to phil. of Kant (Morris's Kant). | 3 |
| Junior: English lit., rhetoric (Whately). | German—Freshman: Gram. (Cook's Otto), reading. | Junior: Psychology (Porter), ethics (Calderwood), logic (McCosh), Christian evidences (Hopkins). | 4 |
| Sophomore: Eng. Junior: Chaucer, Spencer, The Elizabethan Age, lit. of 18th and 19th centuries, rhetoric. | Freshman: Same as in A. B. course. Sophomore: Boisen, Goethe, Wilhelm Tell. | Same as in A. B. course. | |
| Junior: Lit. of 18th and 19th centuries, rhetoric. | Freshman: German—Boisen, Goethe, Wilhelm Tell. | Same as in A. B. course. | |
| Freshman: Study of words (Trench), hist. of Eng. lang. (Lounsbury), elocution. Sophomore: Rhetoric (Genung), lectures on discourse, themes, Minto's Manual, elocution. Junior: Hist. of Eng. lang. (Craik), essays, lectures, hist. of Eng. lit. (Shaw), <i>Lanier on the Eng. novel</i> , <i>Taine's Eng. lit.</i> Senior: Phil. of lit. (Bascom), lectures, orations, <i>Shakspeare, his Mind and Art</i> (Dowden), <i>Mulford's The Nation</i> . | Sophomore: French—Gram. (Keetel), <i>Les Prosateurs français</i> (Roche), lectures. Junior: German—Gram. (Cook's Otto), <i>Bilderbuch ohne Bilder</i> (Andersen), reader of Ger. lit. (Rosenstengel), Wilhelm Tell, lect.; French— <i>Tableaux de la Révolution Française</i> (Crane and Bram), <i>Themes</i> . Senior: German— <i>Modern comedy and romance</i> ; French— <i>Les Poètes Français</i> (Roche), <i>French prosody</i> (De Banville). | Junior: <i>Moral phil.</i> (Haven). Senior: Hamilton's metaphysics (Bowen), Cousin's metaphysics (Henry), logic, <i>elements of morality</i> (Whewell), <i>Plutarch on the Divine justice</i> , Butler's Analogy, Butler's sermons on human nature, moral phil. (Wayland), human and comp. psychology (Wilson), logic (Jevons, Wilson), <i>hist. of moral phil.</i> (Whewell), <i>intuitions of the mind</i> (McCosh). | 5 |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|---|----------------------------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5 | Trinity College, Hartford, Conn.— Continued. | B. S. in L. and S. | Latin—Freshman and Sophomore: Same as in A. B. course. | Freshman and Sophomore: Same as in A. B. course. Junior: Diff. and integ. calc., math. and descrip. astron. Senior: <i>Astron.</i> |
| | | B. S. in Science. | ..... | Sophomore: Sph. trig., sur., nav., analyt. geom., analyt. mech. Junior and Senior: Same as in B. S. course in letters and science. |
| | | B. L. | Latin—Same as in A. B. course. | Same as in A. B. course..... |
| 6 | Wesleyan University, Middletown, Conn. | A. B. | Freshman: Latin—Livy, Horace, comp.; Greek—Herod., Thucyd., Homer, lect. Sophomore: Latin—Plautus, Terence, Cic., Tac., <i>Livy, Sallust, Virgil, comp.</i> ; Greek—Æschines and Demos., Æschylus, Soph., lect., Plato, Greek phil. Junior: Latin— <i>Pliny, Tacitus, Tibullus, Catullus, Tac., Ovid, Lucretius, Cæsar, Propertius, advanced work.</i> Greek— <i>Aristophanes, Æchy., Soph., Eurip., Plato, Aristotle, Xen., Biblical Greek, Pindar, Lucian, Neo-Hellenic, Pausanias</i> ; Hebrew. | Freshman: Sol. geom. (Chauvenet), alg. (Hall and Knight), trig. (Wheeler). Sophomore: Analyt. geom. (Wentworth), <i>conic sec.</i> (Smith), <i>sol. geom.</i> (Aldis). Junior: <i>Diff. calc.</i> (Williamson), astron. (Young), <i>diff. and integ. calc.</i> (Taylor, Williamson). Senior: <i>Analyt. mech., pract. astron.</i> (Chauvenet). |
| | | Ph. B. | Latin—Freshman: Same as in A. B. course. Sophomore: <i>Plautus, Terence, Cic., Tac., Livy, Sallust, Virgil, comp.</i> Junior: Same as in A. B. course. | Same as in A. B. course..... |
| | | B. S. .... | ..... | Freshman: Analyt. geom. Sophomore: Astron., <i>conic secs., sol. geom., diff. and integ. calc.</i> Junior: <i>Analyt. mech., pract. astron.</i> |
| 7 | Yale University, New Haven, Conn. | A. B. | Freshman: Latin—Livy, Cic., Horace, comp., hist. of Rom. Repub.; Greek—Homer, Xenophon, Herod., Demos., comp. Sophomore: Latin—Cic., Tac., Horace, Plautus, Terence; Greek—Æschylus, Soph., Eurip., Thucyd., Plato, Demos. Junior and Senior: Latin—Comp., Cic., <i>Quintilian, Tac., Catul-</i> | Freshman: Geom. (Chauvenet), plane trig. (Richards), alg. (Phillips and Beebe). Sophomore: Trig. (Richards), analyt. geom. (Loomis), mech. (Dana). Junior: Astron. (Loomis), <i>calc., higher trig., analyt. geom., descrip. geom., geodesy, descrip. astron.</i> Senior: <i>Calc., higher trig., analyt. geom.,</i> |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Same as in A. B. course..... | Freshman: French—Gram., Les Prosateurs français, lect. Sophomore: German—Gram., Bilderbuch ohne Bilder, reader of Ger. lit., Wilhelm Tell, lect.; French—Tableaux de la Révolution française, themes. Junior: German— <i>Mod. comedy and romance</i> . Senior: French—Same as in A. B. course. | Junior: <i>Elements of morality</i> (Whewell), <i>Plutarch on the divine justice</i> , <i>Marcus Aurelius</i> . Senior: Hamilton's metaphysics (Bowen), Cousin's metaphysics (Henry), logic, Butler's analogy, Butler's sermons on human nature, moral phil. (Wayland), psychol., moral sentiments (Smith), intuitions of the mind. | 5 |
| Sophomore: Same as in A. B. course. Junior: Same as in A. B. course, omitting the electives. Senior: Same as in A. B. course. | Sophomore: French—Same as in A. B. course; German—Same as Junior in A. B. course. Junior: German—Same as Junior in B. S. in letters and science; French—Same as Sophomore in B. S. in L. and S. Senior: French—Same as in A. B. course. | Sophomore: Moral phil. (Haven). Senior: Hamilton's metaphysics, Cousin's metaphysics (Henry), logic, Butler's analogy and sermons on human nature, moral phil., psychology, <i>hist. of moral phil., intuitions of the mind</i> . | |
| Same as in A. B. course, with addition of reading Shakespeare and lectures on Shakspearian criticism. | Freshman and Sophomore: Same as in B. S. course in L. and S. Junior: German—Modern comedy and romance; French—Les Poètes français, French prosody. | Junior: <i>Marcus Aurelius</i> . Senior: Hamilton's metaphysics, Cousin's metaphysics (Henry), logic, elements of morality, <i>Plutarch on the divine justice</i> , Butler's analogy and sermons on human nature, moral phil., psychology, logic, <i>moral science, intuitions of the mind</i> . | |
| Freshman: Eng. lang. (Trench), el. rhet., declamation. Sophomore: Rhet. (Genung), declamation. Junior: Declamation, <i>Eng. lit., Eng. comp., theory of elocution</i> . | Freshman: German—Gram. (Whitney), reader (Whitney), or French gram. (Whitney). La Jeune Sibérienne, La Mare au Diable, Mlle. de la Seiglière, Le Roi des Montagnes, Les Lépreux de la Cité d'Aoste. Sophomore: German— <i>Goethe, Wilhelm Tell, Minna Von Barnhelm</i> ; French— <i>Le Cid, Andromaque, L'Avare, Hernani, collateral reading</i> . Junior: German— <i>Schiller's Wallenstein, Trilogy, Lessing's Nathan der Weise, Goethe's Faust</i> . | Sophomore: Logic (Jevons-Hill). Junior: Psychology (Sully), <i>logic</i> (Mill), <i>phil.</i> (Stuckenberg, Schwegler). Senior: <i>Hist. of modern phil.</i> (Schwegler), evidences of Christianity (Row-Fisher), ethics (Porter). | 6 |
| Same as in A. B. course..... | Freshman: German—Gram., reader, or French gram., La Jeune Sibérienne, La Mare au Diable, Mlle. de la Seiglière, Le Roi des Montagnes, Les Lépreux de la Cité d'Aoste, and same as in Sophomore in A. B. course. Junior: Same as in A. B. course. | Same as in A. B. course. | |
| Freshman, Sophomore, and Junior: Same as in A. B. course. Senior: <i>Eng. lit.</i> | Freshman: German—Gram. and reader; French— <i>Le Cid, Andromaque, L'Avare, Hernani, collateral readings</i> ; or French—Same as in A. B. course; and German— <i>Goethe, Wilhelm Tell, Lessing, Sophomore: Same as Junior in A. B. course</i> . | Same as in A. B. course. | |
| Sophomore: Rhet. and rhetorical anal., comp. Junior: <i>Anglo-Saxon and early English</i> (Sweet, Morris, and Skeat), <i>hist. of Eng. lang.</i> (Lounsbury), <i>reading English masters</i> . Senior: Same as in Junior and 19th century lit. | Freshman: El. French or German. Sophomore: Advanced French or German. Junior and Senior: <i>French, German, Spanish, Italian</i> . | Junior: Logic (Jevons, Fowler), psychology (Lotze, Porter), <i>physiological psychology</i> (Ladd). Senior: Psychology (Lotze, Porter), ethics (Porter), Theism and evidences of Christianity, <i>ethics and phil.</i> (Sidgwick, Martineau, Abbot, Porter, Laurie, Green), | 7 |

TABLE 23.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|-------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7 | Yale University, New Haven, Conn. —Continued. | A.B.—Con. | <i>Ius, Virgil, Horace, Juvenal, Livy, Terence, Plautus, Seneca; Greek—Æschylus, Plato, Soph., Pindar, Demos., Greek Testament, Socrates, Eurip., comp., topography and monuments of Athens, Greek element in Eng. lang.</i> | <i>descrip. geom., geodesy, descrip. astron., pract. astron., integ. calc. and mech., vector anal., computation of orbits.</i> |
| 8 | Sheffield Scientific School, New Haven, Conn. | B. S. in Chem. | | Freshman: Alg., plane an- alyt. geom. |
| | | B. S. in Civ. Eng. | | Freshman: Same as in B. S. course in Chem. Junior: Analyt. geom., dif. calc., sur., integ. calc., rational mech. Senior: Sph. trig. and astron. |
| | | B. S. in Mech. Eng. | | Freshman and Junior: Same as in B. S. in Civ. Eng. |
| | | B. S. in Agr. | | Same as in B. S. course in Chem. |
| | | B. S. in Nat. Hist. | | Same as in B. S. course in Chem. |
| | | B. S. in Biology. | | Same as in B. S. course in Chem. |
| 9 | Columbian Univer- sity, Washington, D. C. | A. B. | Freshman: Latin—Ovid's Metamorphoses, Livy, Gram., Horace, Hist. of Rome (Leighton); Greek— Homer, syntax (Boise), gram., hist. of Greece (Smith), Herod., Thucyd. Sophomore: Latin—Horace, Cic., comp., gram., Ter- rence, Tac., Roman lit; Greek—Xen., comp., Iso- crates or Thucyd. Junior: Latin—Tac., Pliny, hist. of Latin lit., Juvenal, Cic., Latin syntax, original exer- cises; Greek—Soph., Eu- rip., hist. of Greek lit., comp., Demos. Senior: Latin—Quintilian; Greek— Plato. | Freshman: Synthetic geom. (Newcomb), alg. (Went- worth), original exercises. Sophomore: Trig. (Wells), analyt. geom. (Wentworth) Junior: Dif. and integ. calc. (Taylor), calc. of prob. and least squares. Senior: mech. (Smith), astron. (New- comb). |
| | | B. L. | Same as in A. B. course..... | Same as in freshman and sophomore in A. B. course. |
| 10 | Corcoran Scientific School, Washing- ton, D. C. | B. S. | | Same as in A. B. course. |
| | | B. S. | | Freshman: alg., geometry. Sophomore: trig., analyt. geom. Junior: calc., as- tron. Senior: Astron. |
| | | C. E. | | Freshman: Same as in B. S. course. Sophomore: trig., analyt. and descrip. geom. Junior: calc., sur., descrip. astron. Senior: Pract. as- tron., geodesy. |
| | | B. S. in Chem. | | Freshman: Same as in B. S. course. Junior: Astron. |
| 11 | Georgetown Univer- sity, Washington, D. C. | A. B. | Freshman: Latin—Sallust, Virgil, gram. (Yenni), comp., prosody; Greek— reader (Goodwin), Homer, gram. (Yenni), themes. Sophomore: Latin—Virgil, Livy, Horace, prosody, Cic., comp.; Greek—Homer, Demos., gram., themes. Junior: Latin—Cic., Quinti- lian, Horace, lect. on rhet., Tac., Juvenal, comp.; Greek—Demos., Soph., themes. | Freshman: Geom. (Went- worth). Sophomore: Trig. (Wentworth), sur., ana- lyt. geom. Junior: Dif. and integ. calc. (Taylor), mech. (Dana). Senior: As- tron. (Newcomb and Hol- den), mech. (Dana).] |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| | | <i>philosophical anthropology</i> (Lotze's <i>Microcosmus</i>), <i>phil.</i> (Hartman), <i>logic</i> (Mansel, Jevons), <i>hist. of phil.</i> from Descartes to Kant, <i>physiological psychology</i> (Ladd). | 7 |
| Freshman: Hist. of Eng. lang. (Lounsbury). | Freshman: German gram. and reader (Whitney). Junior: French and German. Senior: French. | ..... | 8 |
| Same as in B. S. course in Chem. | Same as in B. S. course in Chem. | | |
| Same as in B. S. course in Chem. | Same as in B. S. course in Chem. | | |
| Same as in B. S. course in Chem. | Same as in B. S. course in Chem. | | |
| Same as in B. S. course in Chem. | Same as in B. S. course in Chem. | | |
| Freshman: Rhetoric (Genung), Eng. hist. (Thompson), elocution, essays, hist. of U. S. (Eliot). Sophomore: Eng. lit., Anglo-Saxon, Shakespeare, elocution, essays. Junior: Eng. prose and prose writers (Hunt), elocution, essays. Senior: Essays, orations, advanced Anglo-Saxon. | Freshman: French—Keutel's Collegiate Course, Erckmann-Chatrian, Molière, Racine, Corneille; German—Gram. (Sheldon), Studien und Plan-dereten, Das Kalte Herz. Sophomore: French—Gram. (Sauveur), Lacombe, Molière, Racine, Corneille, De Staël; German—Select readings. Junior: French—Molière, Corneille, Racine, Saintine, Pylodets's Littérature Contemporaine; German—Lessing, Auerbach, Schiller, Goethe, Heyse. Senior: French—Pylodets's Littérature Classique, Victor Hugo, Crane; German—Elective readings, seminary studies, lectures. | Sophomore: Logic (Jevon). Junior: Induc. logic (Fowler), psychology (Sully), hist. of mental phil. Senior: Psychology, polit. phil. (Cooley), hist. of phil., lectures, nat. theology (Butler), moral phil. (Calderwood), hist. of moral phil. | 9 |
| Same as in A. B. course | Same as in A. B. course..... | Same as in A. B. course. | |
| Same as in A. B. course | Same as in A. B. course..... | Same as in A. B. course. | |
| Freshman: Rhet., Eng. lang. Sophomore: Eng. lit. | Freshman, Sophomore, Junior, and Senior: French and German. | Sophomore: Induct. and deduc. logic. Senior: mental and moral phil. | 10 |
| Same as in B. S. course | Freshman, Sophomore, and Junior: French, German. | Sophomore: Same as in B. S. course. | |
| Same as in B. S. course | Freshman: French, German. | | |
| Freshman: Fisk's Antiquities, laws of versification, Connolly's reader, De Harle's full catechism, declamation, comp. Sophomore: Eng. lit. (Brooke), rhet. (Genung), Eng. poems (Hale), comp. Junior: Rhet., Eng. lit., poems, declamations, comp. | Freshman: French—Gram. (Fasquelle), Molière, Corneille, Racine, Boileau, comp.; German—Gram. (Cook's Otto), reader (Evan's Otto). Sophomore: Elective. Junior: Elective. | Senior: Logic and metaphysics (Russo), ethics (Jouin), natural right. | 11 |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|-----------------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12 | Howard University, Washington, D. C. | A. B. | Freshman: Latin—Cic., Horace, comp., lectures; Greek—Xen., Plato, comp., hist. of Greek lit., Homer, Herod. prosody, Thucyd., Demos. Sophomore: Latin—Tac., Juvenal, Quintilian, Rom. lit.; Greek—Homer, Greek mythology, Æschylus, Sophocles, Greek drama. Junior: Demos., the Greek orators. | Freshman: Alg., geom., trig., sur. (Wentworth). Sophomore: Sph. trig. and analyt. geom. (Wentworth), mech. Junior: Astron. |
| 13 | University of Georgia, Athens, Ga. | A. B. | Freshman: Latin—Leighton's Latin lessons, Cic., Ovid, Arnold's Latin prose comp.; Greek—Xen., Herod. prose comp. Sophomore: Latin—Horace, prose comp.; Greek Xen., tragedy, comp. Junior: Latin—Terence, original exercises; Greek—Tragedy, original exercises. Senior: Latin—Juvenal, Plautus, Rom. civil law, original exercises; Greek—Æschylus, Plato, Grecian hist., original exercises. | Freshman: Alg. (Olney), geom. (Wentworth). Sophomore: Alg., geom., trig., and log. (Wentworth). Mens., sur., nav., analyt. geom., calc. Junior: Analyt. geom. (Bowser), calc. (Taylor), descrip. geom. (Church). |
| | | B. S. | Latin—Same as in the A. B. course. | Freshman, Sophomore, and Junior: Same as in A. B. course. Senior: Calc., astron. (Godfary). |
| | | Ph. B. | Latin—Same as in A. B. course or Greek—Same as in A. B. course. | Same as in A. B. course. |
| | | B. Agr. .... | ..... | Freshman: Alg., geom. Sophomore: Alg., geom., trig., mens., sur., analyt. geom., calc. Junior: Sur. Senior: Descrip. astron. |
| | | B. C. E. .... | ..... | Freshman and Sophomore: Same as in B. Agr. course. Junior: Analyt. geom., dif. and integ. calc., sur., descrip. geom. Senior: Dif. and integ. calc. sph. and descrip. astron. |
| | | B. C. S. .... | ..... | Freshman and Sophomore: Same as in B. Agr. course. Senior: Astron. |
| 14 | Atlanta University, Atlanta, Ga. | A. B. | Freshman: Latin—Cic., Livy, prose (Jones); Greek—Gram., first lessons (Boise), Xen. Soph.: Latin—Livy, Tac., Horace; Greek—Xen., Homer, Junior: Latin—Cic.; Greek—Demos., Testament, Plato. | Freshman: Alg. (Peck), plane geom. (Bradbury). Sophomore: Sol. and sph. geom. (Bradbury), trig. and sur. (Wentworth). Junior: Astron. (Lockyer). |
| 15 | Emory College, Oxford, Ga. | A. B. | Freshman: Latin—Sallust, prose comp., gram., Roman antiquity, hist. of Rome, prosody, Virgil, ancient geog.; Greek—Testament, prose comp., Geog. of Greece, gram., manual of pronunciation, Diodorus, Herod., comp.; Sophomore: Latin—Horace, prosody, comp., gram., mythology, (Keightley); Greek—Thucyd., comp., gram., Grecian mythology, Homer, Demos., hist. of Greek lit. Junior: Latin—Cic., hist. of Rome, comp. gram., Roman antiquities, Tac., Terence; Greek—Plato, gram. Sophocles, Thucyd., hist. of Greece, | Freshman: Alg. and geom. (Robinson). Sophomore: Trig. and sur. (Robinson). Junior: Analyt. geom. (Loomis). Mech. (Snell's Olmsted). Senior: Dif. and integ. calc. (Loomis), astron. (Snell's Olmsted). |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: Elocution. Junior: Rhet. (Hepburn). Senior: Eng. lit. (Shaw). | Junior: French..... | Junior: Logic (Coppée). Senior: Mental phil. (Mahan), moral phil. (Fairchild), natural theology (Valentine), evidences of Christianity (Hopkins). | 12 |
| Freshman: Gram. anal. (Dalglish), rhet. (Kellogg), Eng. authors. Sophomore: Rhet., hand-book of the Eng. tongue (Angus). Junior: Rhet. (Bain), Eng. lit. (Kellogg). Senior: Elements of criticisms (Kane), Eng. lit., selections from Eng. authors. | ..... | Junior: Logic (Whately), metaphysics (Hamilton). Senior: Ethics (Wayland). | 13 |
| Freshman, Sophomore, and Junior: Same as in A. B. course. | Sophomore: El. French or German. Junior: French or German prose, comedies, translations, conversation. Senior: Reading in prose and poetry, theses, gram., idiomatic exercises, outlines of lit. (French or German). | Junior: Metaphysics. | |
| Same as in A. B. course..... | Sophomore: El. French or German. Junior and Senior: French and German, as in B. S. course. | Same as in A. B. course. | |
| Freshman: Eng. Sophomore: Eng. Junior and Senior: Eng. lit. | Sophomore: French or German. Junior: French or German. | | |
| ..... | Same as in B. Agr. course. | | |
| Freshman, Sophomore, and Junior: Same as in B. Agr. course. | Sophomore: Same as in B. Agr. course. Junior and Senior: French and German. | | |
| Sophomore: Lit., rhet. (Kellogg). | Senior: German gram. and reading (Whitney). | Senior: Mental phil. (Haven), logic (Jevons), moral phil. (Fairchild), evidences of Christianity (Hopkins), natural theology (Chadbourne). | 14 |
| Freshman: Rhet. (Hart), declamation, comp. Anglo-Saxon (Sweet). Sophomore: Philology of the Eng. tongue (Earle), declamation, comp., life of Bryant, Bigelow Papers, Rape of the Lock. Junior: History of Eng. lit. (Taine), comp., declamation. Senior: Rhet. (Welsh), comp., speeches. Senior: Life and growth of Lang. (Whitney). | Junior: French—Chardenal's first French course, reader, (Ahn-Henn), conversations. German—Gram. (Worman), reader (Ahn-Henn), conversations. Senior: French—Chardenal's French exercises, Le Mariage de Gabrielle, Worman's French Echo, conversations. German—Gram. Worman's German Echo, Nathan der Weise, conversations, exercises. | Junior: Logic (Jevon), Moral phil. (Peabody). Senior: Evidences of Christianity, mental phil. (Mahan). | 15 |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|-------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15 | Emory College, Oxford, Ga.—Continued. | B. S. .... | ..... | First year: Alg. geom. (Robinson); Second year: Geom., trig. sur. (Robinson); Third year: Mech. or analyt. geom., astron., dif. and integ. calc. |
| 16 | Illinois Wesleyan University, Bloomington, Ill. | A. B. | Latin and Greek throughout the course. | Freshman: Alg., geom., trig. Sophomore: Analytics, dif. and integ. calc. Junior: Mech. Senior: Astron. |
| | | B. S. | Freshman and Sophomore: Latin. | Same as in A. B. course. |
| | | Ph. B. .... | ..... | Freshman: Same as in A. B. course. Sophomore: Analytics, dif. and integ. calc. Junior: Mech., sur. Senior: Astron. |
| 17 | Northwestern University, Evanston, Ill. | A. B. | Freshman: Latin—Cic., Rom. hist., Livy, comp., Horace; Greek—Orations of Lysias, Herod., Homer. Sophomore: Latin—Horace, Tac., Pliny, Rom. comedy; Greek—Tragedy, Xen., Æschines against Ctesiphon. Junior and senior: Greek, Latin, Greek Testament. | Freshman: Alg., sol. geom., trig. Sophomore: Analyt. geom., calc. Junior: Calc. Senior: Astron. |
| | | Ph. B. | Freshman: Latin—Livy, comp., Cic., Horace. Sophomore: Latin—Rom. satirists, Quintilian, Rom. comedy. Junior and Senior: Latin. | Same as in A. B. course. |
| | | B. S. .... | ..... | Freshman: Same as in A. B. course. Sophomore: Alg., analyt. geom., calc. Junior: Integ. calc. Senior: Astron. |
| | | B. L. .... | ..... | Freshman: Same as in A. B. course. Sophomore: Analyt. geom., calc. Junior: Calc. |
| 18 | Knox College, Galesburg, Ill. | A. B. | Freshman: Latin—Cic., prose comp., Livy, Horace; Greek—Lysias, Plato, comp., Thucyd. Sophomore: Latin—Horace, Quintilian, Tac.; Greek—Homer, Demos., Demos., tragedy. | Freshman: Geom. (Loomis), alg. (Wentworth). Sophomore: Trig. and mens., sur., nav., analyt. geom. (Loomis). Junior: Astron. (Loomis), calc. |
| | | B. S. | Freshman: Latin—Virgil. Sophomore and Junior: Latin. | Freshman: Geom., conic sections, alg. Sophomore: Same as in A. B. course. |
| 19 | Illinois College, Jacksonville, Ill. | A. B. | Freshman: Latin—Cic., comp., antiquities, Livy, Horace, Catullus; Greek—Homer, Herod., Lysias, Plato, Xen. Sophomore: Latin—Plautus, Terence, Tac., Pliny, Cic., Lucretius. Junior: Greek—Thucyd., Demos., Æschylus, Soph., Plato or Aristophanes. | Freshman: Alg. (Wells), geom. (Wentworth), trig. (Wells), surveying (Wentworth). Sophomore: Analyt. geom. (Peck), mech. (Peck). Junior: Astron. (Young). |
| | | Ph. B. | Latin—Same as in A. B. course. | Same as in A. B. course. |
| | | B. S. .... | ..... | Freshman and Sophomore: Same as in A. B. course. Senior: Astron., calc. (Williamson). |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----|
| First year: Anglo-Saxon (Sweet), declamation, comp., philology or Eng. tongue; Second year: Hist. of Eng. lit., declamation, comp. Third year: Same as Senior in A. B. course. | Second and third years: Same as junior and senior in A. B. course. | First year: Logic, moral phil.; Third year: Same as senior in A. B. course. | 15 |
| Freshman: Elocution. Sophomore: Elocution, English criticism. Junior: Eng. lit., rhet., elocution. | Sophomore and Junior: <i>German</i> . | Junior: Logic. Senior: Psychology, evidences of Christianity, hist. of phil., moral science. | 16 |
| Freshman: Rhet., elocution. Sophomore and Junior: Same as in A. B. course. | Sophomore and Junior: <i>German</i> . | Same as in A. B. course. | |
| Same as in B. S. course..... | Same as in B. S. course..... | Same as in A. B. course. | |
| Sophomore: Comp., rhet., elocution. Junior: Comp., <i>Eng. lit.</i> Senior: Orations, <i>Eng. lit.</i> , elocution. | Sophomore: German—Gram., selections. Junior: <i>French</i> . | Junior: Logic, metaphysics. Senior: Ethics, Christian evidences, nat. theology, <i>pedagogics</i> . | 17 |
| Sophomore: Elocution, <i>Eng. lit.</i> , rhet. Junior: Comp., <i>Eng. lit.</i> Senior: Orations, elocution. | Freshman: French—Gram., comp., conversation, translation. Sophomore: French—Modern prose writers, <i>classics of the seventeenth century</i> ; German—Gram., selections. Junior: <i>German</i> . | Same as in A. B. course. | |
| Sophomore: Elocution, comp. Junior: Comp., <i>Eng. lit.</i> Senior: Orations and elocution, <i>Eng. lit.</i> | Freshman: French—Gram., translations, conversations, comp.; German—Gram., selections. Sophomore: German—Selections. Junior: <i>French</i> . | Junior: <i>Logic, metaphysics</i> . Senior: <i>Ethics</i> , nat. theology. | |
| Sophomore: Elocution, comp., <i>Eng. lit.</i> , rhet. Junior: Comp., <i>Eng. lit.</i> Senior: Orations and elocution. | Freshman: Same as in B. S. course. Sophomore: French—Modern prose writers, <i>classics of the seventeenth century</i> ; German—Selections. Senior: <i>French, German</i> . | Same as in A. B. course. | |
| Sophomore: Rhet. Junior: <i>Eng. prose lit.</i> Senior: <i>Eng. lit.</i> | Sophomore: <i>French</i> . Junior: German. | Senior: Mental phil. (Porter), evidences of Christianity, logic, moral science. | 18 |
| Same as in A. B. course..... | Freshman: German. Sophomore and Junior: <i>French</i> . | Same as in A. B. course. | |
| Sophomore: Rhet. Senior: Amer. lit. | Sophomore: German or French. | Junior: Logic. Senior: Psychology, lect. on phil., moral science, nat. theology, evidences of Christianity. | 19 |
| Same as in A. B. course..... | Freshman: Advanced German. Junior: French. | Same as in A. B. course. | |
| Freshman: Rhet., comp. Sophomore: Rhet. | Same as in A. B. course..... | Same as in A. B. course. | |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|-------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20 | Lake Forest University, Lake Forest, Ill. | A. B. | Freshman: Latin—Livy, gram., Rom. poets, Cic.; Greek—Xen., gram., Homer, Greek hist. Sophomore: Latin—Horace, Tac., Rom. hist., Rom. lit., selections; Greek—Herod., Eurip., lyrics, dramatic lit., dissertations. Junior: Latin— <i>Early Latin, Latin philology, Rom. poets, Rom. philosophers</i> ; Greek— <i>Æschylus, Greek lit., Plato, Greek philosophy</i> . Senior: Latin— <i>Teachers' course</i> ; Greek— <i>Iliad and epic cycle, Odyssey, Homeric hymns and Hesiod</i> . | Freshman: Geom., higher alg. Sophomore: Trig., analyt. geom., calc. Junior: Astron., calc. or <i>analyt. geom., sur., nav.</i> Senior: <i>Analyt. geom. or calc., astron.</i> |
| | | B. S. | Freshman: Latin—Same as in A. B. course. Sophomore: Latin—Horace. Junior and Senior: Same as in A. B. course. | Same as in A. B. course |
| 21 | University of Illinois, Urbana, Ill. | A. B. | Freshman: Latin—Cic., comp., Livy, Horace; Greek— <i>Iliad, Odyssey, Memorabilia, comp.</i> Sophomore: Latin—Horace, Terence, Tac.; Greek— <i>Thucyd., Soph., Demos.</i> Junior: Latin— <i>Juvenal, Quintilian de Officiis</i> . | Freshman: Trig., conic sections, calc. Sophomore: Astron. |
| | | B. L. | Freshman: Latin—Cic., Livy Horace (optional). | Same as in A. B. course |
| | | B. S. in Agr. | ..... | Freshman: Trig. |
| | | B. S. in Mech. Eng. | ..... | Freshman: Trig., analyt. geom., descrip. geom., alg. Sophomore: Calc., advanced analyt. geom. Junior: Analytical mech., advanced descriptive geom., astron. |
| | | B. S. in Civ. Eng. | ..... | Same as in B. S. in Mech. Eng., and in addition—Senior: Pract. astron., geodesy. Sophomore: Surveying. |
| | | B. S. in Min. Eng. | ..... | Freshman and Sophomore: Same as in B. S. in Civil Eng. Junior: Analyt. mech. |
| | | B. S. in Arch. | ..... | Same as in B. S. in Mech. Eng., omitting astron. in Junior yr. |
| | | B. S. in Chem. | ..... | Freshman: Same as in A. B. course. |
| | | B. S. in Nat. Hist. | ..... | Freshman: Trig., conic secs. Senior: Astron. |
| 22 | De Pauw University, Greencastle, Ind. | A. B. | Freshman: Latin—Ovid, Livy, Cic.; Greek—Xen., Gram., Homer, comp. Sophomore: Latin—Pliny, Rom. lit., Livy, Horace; Greek—Homer, Herod., Thucyd.; Greek—Syntax, Greek hist. Junior: Latin—Elective; Greek—Soph., Demos., Plato; Greek drama, Greek lit., Greek phil. Senior: Latin—Elective; Greek— <i>Soph., Demos., Plato, Greek drama, Greek lit., Greek phil.</i> | Freshman: Alg. (Wentworth), descrip. geom., trig. (Wentworth), descrip. astron. Sophomore: <i>Analyt. geom., calc. (Taylor), mens., sur.</i> Junior: <i>calc., analyt. geom., analyt. mech. (Wood), least squares (Merriman), determinants</i> . Senior: Gen. astron. (Young), <i>sph. and pract. astron.</i> (Chauvenet). |
| | | Ph. B. | Latin—Same as in A. B. course. | Same as in A. B. course |
| | | B. S. .... | ..... | Freshman: Same as in A. B. course. Sophomore: <i>Analyt. geom., calc., mens., sur.</i> Junior and Senior: Same as in A. B. course. |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: Elocution, rhet., construction. Sophomore: Rhet., essays. Junior: Oratory, Eng. lit., <i>Anglo Saxon, transitional Eng.</i> Senior: Eng. lit. of nineteenth century, essays, oratory, Amer. lit., <i>accidence, comp. philology, development of Amer. lit., phonetics.</i> | Freshman: German—Gram., reading, conversation. Sophomore: French—Gram., reading. Junior: <i>German classics, modern French.</i> Senior: <i>French lit., German lit.</i> | Freshman: Pract. ethics. Junior: Psychology, logic. Senior: Theoretical ethics, hist. of phil., <i>exp. psychology, pedagogics, metaphysics, contemporary phil., theism.</i> | 20 |
| Same as in A. B. course. | Freshman: German—Gram., reader, conversation; French—Gram., reader. Junior and Senior: Same as in A. B. course. | Same as in A. B. course. | |
| Senior: Early English philology. | Sophomore: <i>German.</i> Junior: <i>French.</i> | Senior: Mental science, logic. | 21 |
| Freshman: <i>Rhet., Amer. authors, British authors.</i> Sophomore: Eng. classics. Senior: Anglo-Saxon, early Eng. philology. Freshman: <i>Amer. authors, British authors.</i> | Freshman: French. Sophomore and Junior: German. | Same as in A. B. course. | |
| ..... | Sophomore and Junior: German. | Same as in A. B. course. | |
| ..... | Freshman and Sophomore: French or German. | Senior: Mental science. | |
| ..... | Same as in B. S. in Mech. Eng.. | Same as in B. S. in Mech. Eng. | |
| ..... | Freshman: French or German. | Same as in B. S. in Mech. Eng. | |
| ..... | Same as in B. S. in Min. Eng.... | ..... |  |
| ..... | Same as in B. L. course | Same as in A. B. course. | |
| ..... | Same as in B. L. course..... | Same as in A. B. course. | |
| Freshman: Rhet., elocution. Sophomore: Eng. lit., oratory. Junior: <i>Eng. lit.</i> | Junior and Senior: <i>French, German.</i> | Junior: Logic. Senior: Intellectual science (Porter), hist. of mental phil., moral science (Porter), hist. of ethical phil., divine origin of Christianity (Storrs), aesthetics, essays. | 22 |
| Same as in A. B. course..... | Sophomore: French or German. Junior and Senior: <i>French, German.</i> | Same as in A. B. course. | |
| Freshman and Junior: Same as in A. B. course. | Freshman: El. French or German. Sophomore: French—Pressensé, Lessing, Racine, Molière, Alliot-Boymier; German—Schiller, Lessing, comp. Junior and Senior: Elective. | Same as in A. B. course. | |

TABLE 23.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|--------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 22 | De Pauw University, Greencastle, Ind.—Continued. | B. L. .... | ..... | Freshman: Same as in A. B. course. |
| 23 | Purdue University, La Fayette, Ind. | B. S. in Agr. | ..... | Freshman: Geom., alg. Sophomore: Alg., trig., sur. |
| | | B. M. E. .... | ..... | Freshman: Same as in B. S. course in Agr. Sophomore: Alg., trig., analyt. geom. Junior: Descrip. geom., calc. Senior: Analyt. mech. |
| | | B. C. E. .... | ..... | Freshman, Sophomore, and Junior: Same as in B. M. E. course. Senior: Astron. |
| | | B. S. in Science. | ..... | Freshman and Sophomore: Same as in B. M. E. course. Junior: Calc. |
| | | B. S. in Ind. Art. | ..... | Freshman: Geom., alg. Sophomore: Alg., trig. Junior: Analyt. geom., calc. |
| 24 | Rose Polytechnic Institute, Terre Haute, Ind. | B. S. a. .... | ..... | Freshman: Alg., geom., el. mech., trig. Sophomore—Sph. trig., analyt. geom., descrip. geom., dif. and integ. calc., determinants, astron. Junior: Dif. and integ. calc., analyt. mech., least squares. Senior: applied mech. |
| 25 | University of Notre Dame, Notre Dame, Ind. | A. B. | Freshman: Latin—Lactantius, Ovid, Sallust, prosody, comp., Virgil, Cic., Greek—Gram., syntax, comp., memorabilia, St. John Chrysostom, Cyropædia. Sophomore: Latin—Virgil, Cic., comp., prosody, St. Augustine, Horace, verses. Greek—St. Gregory, Homer, comp., Thucyd. Junior: Latin—Livy, Horace, comp., Rom. antiquities, Tac., Juvenal; Greek—St. Basil, Demos., Homer, Sophocles, Æschylus, Greek antiquities. Senior: Latin—Plautus, Quintilian, St. Augustine, comp., Latin lit., Cic., Terence; Greek—Plato, Sophocles, Pindar, Eurip., Aristophanes, Greek lit. | Freshman: Alg., (Robinson), geom. (Loomis). Sophomore: Trig. (Loomis). Senior: Astron. (Young). |
| | | B. S. | Latin or Greek | Freshman: Alg., geom., conic sections (Loomis). Sophomore: Trig., mens., sur. (Gillespie), analyt. geom. (Wentworth). Junior: Gen. geom. and calc. (Olney). Senior: Descrip. geom., astron., mech. (Smith). |
| 26 | Iowa College, Grinnell, Iowa. | A. B. | Freshman: Latin—Livy, Cic., Horace, philosophical writings; Greek—Xen., Lysias, Cebes' Tablet. Sophomore: Latin—Horace, Tac., Plautus, Terence, Crowell's Selections; Greek—Homer, Herod. Junior: Greek—Sophocles, Demos., Thucyd. Lucian, Plato. | Freshman: Trig., surveying. Junior: Astron. |
| | | B. S. .... | ..... | Freshman: Trig., analyt. geom., sur. Junior: Calc., astron. |

a The courses in mechanical engineering, civil engineering, and chemistry are

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: Same as in A. B. course. Sophomore: Eng. lit., oratory. Junior: <i>Eng. lit.</i> | French or German throughout the course. | Same as in A. B. course | 22 |
| Freshman: Rhet., elocution. Sophomore: Eng. lit., elocution. Senior: <i>Lit.</i> | Senior: <i>German</i> | Senior: <i>Psychology</i> | 23 |
| Freshman: Same as in B. S. course in Agr. Sophomore: Eng. lit. Senior: <i>Lit.</i> | Same as in B. S. course in Agr .. | ..... |  |
| Freshman and Sophomore: Same as in B. M. E. course. | ..... | ..... |  |
| Freshman and Sophomore: Same as in B. S. course in Agr. Junior: <i>Lit.</i> Senior: <i>Lit.</i> | Freshman and Sophomore: French or German. Junior: <i>French</i> or <i>German</i> . | Senior: Psychology. | |
| Freshman and Sophomore: Same as in B. S. course in Agr. Junior: <i>Lit.</i> Senior: Elective. | Same as in B. S. course in Science. | Same as in B. S. course in Science. | |
| Freshman: Gram., rhet., Eng. selections. Senior: Eng. classics. | Sophomore: German. Junior: French and German. Senior: French. | ..... | 24 |
| Freshman: Comp., rhet. Sophomore: Rhet., Eng. lit., essays and orations, Shakespeare. Senior: Elocution, lit. criticism, (Blair), Amer. lit., comp. | Elective— <i>French, German, Italian, Spanish.</i> | Junior: Logic (San Severino), ontology and psychology (San Severino). Senior: Theodicy and ethics (Jouin), dissertations, hist. of phil., philosophical systems. | 25 |
| Freshman: Comp., rhet. Sophomore: Rhet., Eng. lang. Junior: Elocution, lit., criticism. | French, German, or Spanish | Senior: Logic and gen. metaphysics (Hill), special metaphysics. | |
| Freshman: Rhet. Junior: Eng. lit., <i>Milton, Shakespeare</i> . Senior: <i>Philology</i> . | Sophomore and Junior: <i>French, German</i> . | Junior: Ment. science. Senior: Ment. science, logic, Christian evidences, moral science. | 26 |
| Freshman: Eng. etymology, rhet., Chaucer. Sophomore: <i>Anglo-Saxon</i> . Junior: Eng. lit., <i>Milton</i> . Senior: <i>Philology</i> . | Sophomore and Junior: French or German. | Same as in A. B. course. | |

alike with the exception of that part of the course set down as "practice."

TABLE 23.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|-----------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26 | Iowa College, Grinnell, Iowa—continued. | B. L. | Latin—Freshman: Virgil, Sallust, Jugurtha. Sophomore: Livy, Cic., philosophical writings. | Freshman: Trig. Junior: Astron. |
| 27 | State University of Iowa, Iowa City, Iowa. | A. B. | Freshman: Latin—Walford's Selections from Cic., Livy, comp.; Greek—Gram., White's Lessons, Xen., comp. Sophomore: Latin—Horace, Tac., Tusculan Disputations; Greek—Xen., Lysias, Herod., Homer. Junior: Latin—Quintilian; Greek—Homer, Æschylus, Plato, Demos. Senior: Latin, Greek. | Freshman: Trig., alg., <i>analyt. geom.</i> Sophomore: <i>Analyt. geom., calc.</i> Junior: Astron., <i>pract. astron.</i> |
| | | B. S. | | Freshman: Trig., alg., <i>analyt.</i> Sophomore: Elective. Junior: Astron., <i>math., pract. astron.</i> Senior: <i>Math., math. astron.</i> |
| | | Ph. B. | Latin—Same as in A. B. course. | Same as in A. B. course. |
| | | C. E. | | Freshman: Same as in B. S. course. Sophomore: <i>Analyt., sur., dif. and integ. calc.</i> |
| 28 | University of Kansas, Lawrence, Kans. ^a | B. S. in Gen. Sci. | Junior and Senior: Optional. | Freshman: Alg. (Wells), geom. (Wentworth), trig. (Wentworth). Sophomore: Sur., <i>analyt. geom.</i> (Newcomb). Junior and Senior: Optional. |
| | | B. S. in Lat. scientific course. | Latin—Freshman: Livy, Horace. Sophomore: Horace, Latin poets. Junior and Senior: Optional. | Freshman: Same as in B. S. course in Gen. Sci. Sophomore: Sur., <i>analyt. geom.</i> Junior and Senior: Optional. |
| | | A. B. in classical course. | Freshman: Latin—Livy, Cic., Horace; Greek—Homer, Herod., syntax. Sophomore: Latin—Horace, Latin poets; Greek—Thucyd., Cox's Athenian Empire, Plato, Eurip., lectures. Junior and Senior: Optional. | Freshman: Same as in B. S. course in Gen. Sci. Sophomore: <i>Analyt. geom.</i> Junior and Senior: Optional. |
| | | A. B. in Mod. Lit. | Junior and Senior: Optional. | Same as in A. B. course. |
| | | B. C. E. | Freshman: Latin. | Freshman: Alg., geom., trig., <i>descrip. geom.</i> Sophomore: Sur., <i>analyt. geom., calc.</i> Junior: <i>Analyt. mech., astron., least squares.</i> Senior: <i>Pract. astron., geodesy.</i> |
| | | B. S. in Elec. Eng. | | Freshman: Same as in B. C. E. course. Sophomore: <i>Analyt. geom., calc.</i> Junior: <i>Analyt. mech.</i> |
| 29 | Kansas State Agricultural College, Manhattan, Kans. | B. S. | | First year: Arith. (Brooks), bookkeeping (Bryant and Stratton), alg. (Wentworth). Second year: Alg., geom. (Wentworth). Third year: Trig. and sur. (Wentworth). |

^a In the junior and senior years each student is required to pursue in each term three

and universities.—PART I—Continued.

italics are elective.

i

| English. | Modern languages. | Philosophy. | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: Rhet., Chaucer. Sophomore: <i>Anglo-Saxon</i> . Junior: Eng. lit., Milton, Shakspeare. Senior: <i>Philology</i> . | Freshman: French. Sophomore: <i>French</i> , German. Junior: German. | Same as in A. B. course..... | 26 |
| Sophomore: <i>Eng. lit.</i> Junior: Eng. lit. | Sophomore: <i>German</i> . Junior: <i>German</i> , <i>French</i> . Senior: Elective. | Junior: <i>Logic</i> . Senior: <i>Psychology, hist. of modern phil., hist. of Greek phil., ethics, exp. psychology, modern phil.</i> | 27 |
| Freshman: Eng. Sophomore: Eng. lit. Junior: <i>Eng. lit.</i> Senior: <i>Eng. lit.</i> | Freshman and Sophomore: German. Junior: <i>German</i> . Senior: French. | Same as in A. B. course. | |
| Same as in A. B. course | Freshman: German — Gram., Whitney's Reader and Analysis. Sophomore: German — Schiller, Freytag. Junior: <i>French</i> , <i>German</i> . Senior: Elective. | Same as in A. B. course. | |
| Freshman: Eng. Senior: Selected reading. | Freshman: German. Sophomore: <i>French</i> . | | |
| Freshman and Sophomore: Rhet. (Hill), themes, elocution. Junior: Two forensics, or equivalent theses. Senior: Two forensics, or equivalent theses. Junior and Senior: Optional. | Freshman and Sophomore: French, German. Junior and Senior: Optional. | Sophomore: <i>Logic, psychology</i> . Junior and Senior: Optional. | 28 |
| Same as in B. S. course in Gen. Sci. | Freshman and Sophomore: German. Junior and Senior: Optional. | Same as in B. S. course in Gen. Sci. | |
| Freshman: Elocution, themes. Sophomore: Rhet., themes, elocution. Junior and Senior: Same as in B. S. course in Gen. Sci. | Junior and Senior: Optional.... | Same as in B. S. course in Gen. Sci. | |
| Same as in B. S. Gen. Sci | Freshman and Sophomore: French, German. Sophomore: French and German comp. Freshman: <i>French</i> , German. | Same as in B. S. course in Gen. Sci. | |
| Freshman: Three themes. Sophomore: Three themes. Junior: Two forensics. Senior: Two forensics, advanced Eng. comp. | Freshman: French, German. | | |
| First year: Eng. anal. Eng. structure, comp. Third year: Rhet., Eng. lit. Fourth year: <i>Lit.</i> | ..... | Fourth year: Psychology, logic. | 29 |

full studies or their equivalent, chosen by himself from the list of optional studies.

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|-------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 30 | Washburn College, Topeka, Kans. | A. B. | Freshman: Latin—Livy, Cic., Horace, comp.; Greek—Herod., Plato, Thucyd., Greek Testament, comp. Sophomore: Latin— <i>Plautus, Terence, Cic., philology, Tac., hist. of Rom. lit.</i> ; Greek—Homer, Demos., Æschylus, Sophocles. Junior: Greek—Homer, Aristophanes, Plato. Senior: Greek—Pindar, minor lyric poets, orations, Plato. | Freshman: Alg. (Wells), geom. trig. Sophomore: Analyt. geom. Junior: <i>Dif. calc., integ. calc., least squares.</i> Senior: <i>Analytical statics and dynamics</i> , astron. (Newcomb and Holden). |
| | | B. S. .... | ..... | Same as in A. B. course. |
| | | B. L. | Latin: Same as in A. B. course. | Freshman: Same as in A. B. course. Sophomore: <i>Analyt. geom.</i> Senior: Astron. |
| 31 | Georgetown College, Georgetown, Ky. | A. B. | First year: Latin—Sallust, Cic., Livy, Horace; Greek—Hadley's Elements, Xen., Lysias, prose comp.; second year, Latin—Horace, Juvenal, Persius, Cic.; Greek—Memorabilia, Eurip., Sophocles, syntax; third year, Latin—Tac., Seneca; Greek—Thucyd. | First year: Alg., geom. Second year: Geom., trig., sur. Third year: Analyt. geom., calc., astron. Fourth year: Mechanics. |
| | | B. S. .... | ..... | First year: Arith., alg., book-keeping. Sec'd year: Alg., geom. Third year: Geom., trig., sur. Fourth year: Mech., analyt. geom., calc., astron. |
| 32 | Kentucky University, Lexington, Ky. | A. B. | Freshman: Latin—Cæsar, Sallust, Cic., comp.; Greek—Xen., Herod., Homer, Smith's hist. of Greece, Greek Testament. Junior: Latin—Virgil, comp., hist. of Rome, Livy; Greek—Xen., Plato, Thucyd., Greek Testament. Senior: Latin—Horace, comp., Tac., Cic.; Greek—Lysias, Demos., Theocritus, Eurip., Sophocles or Æschylus. | Freshman: Alg. (Peck), geom. (Peck). Sophomore: Geom., trig. (Peck), mens. (Peck), sur. (Loomis), analyt. geom. (Peck). Junior: Mech. (Peck), sph. trig., astron. (Olmsted). Senior: <i>Analyt. geom., calc.</i> |
| | | B. S. .... | ..... | Freshman: Sophomore and Junior: Same as in A. B. course. Senior: Analyt. geom., calc. |
| 33 | Central University, Richmond, Ky. | A. B. | Freshman: Latin—Sallust, Virgil, Gildersleeve's exercise book, hist. of Rome (Creighton); Greek—Goodwin's reader, Lysias, syntax (Boise), gram. (Goodwin). Sophomore: Latin—Cic., gram. (Gildersleeve), Gildersleeve's exercise book, Smith's smaller hist. of Rome; Greek—Plato, Demos., Eurip., comp., Goodwin's moods and tenses. Junior: Latin—Livy, Horace, gram., hist. of Rome, exercise book; or Greek—Thucyd., Homer, comp., moods and tenses, hist. (Smith), <i>Latin, Greek</i> . Senior: Tac., Terence hist. of Rome, Roman antiquities | Freshman: Alg. (Wentworth), geom. (Davies' Legendre). Sophomore: Geom., trig., sur. Junior: Analyt. geom. (Loomis), <i>dif. and integ. calc.</i> (Loomis). Senior: Astron. (Loomis), <i>quaternions, pract. astron.</i> |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: Rhet. (Hill). Junior: Eng. lit. Senior: <i>Eng. lit.</i> | Sophomore: <i>French</i> . Junior: German, <i>German</i> , <i>French</i> , <i>Spanish</i> . Senior: <i>German</i> , <i>Spanish</i> . | Sophomore: Logic (Jevons). Senior: Mental science (Porter), evidences of Christianity (Bishop McIlvaine), hist. of phil. (Schwegler). | 30 |
| Freshman: Rhet. Junior and Senior: <i>Eng. lit.</i> | Freshman: German. Sophomore: French. Junior: <i>French</i> , <i>German</i> , <i>Spanish</i> . Senior: <i>Spanish</i> . | Same as in A. B. course. | |
| Same as in A. B. course | Same as in B. S. course..... | Same as in A. B. course. | |
| Third year, rhet., lit. .... | ..... | Third year, logic; fourth year, psychology, ethics, Christian evidences. | 31 |
| First year, gram., rhet., comp.; third year, rhet., lit. | ..... | Same as in A. B. course. | |
| Freshman: Gram. (Whitney). Junior: Rhet. (Hart), comp., critical readings in prose. Senior: Eng. lit. (Shaw), critical readings in poetry. | Optional | Junior: Mental phil. (Havven), logic (Coppée). Senior: Moral science (Wayland). | 32 |
| Same as in A. B. course..... | Junior: French—Gram. (Eugene), Havet's Manual, Napoleon, Télémaque. German—Comfort's German course, reader. Senior: French—Grammaire Française par Larousse, Molière, Racine. German—Schiller, Goethe. | Same as in A. B. course. | |
| Freshman: Eng. gram. (Welsh's lessons), rhet. (Clark), comp. Sophomore: Essentials of Eng. (Welsh). Junior: <i>Anglo-Saxon</i> (Sweet), <i>hist. of Eng. lang.</i> (Lounsbury), <i>Primer of Philology</i> (Peile). Senior: Rhet., <i>hist. of Eng. lit.</i> (Shaw), <i>Dowden's Shakspeare Primer</i> , <i>select plays of Shakspeare</i> (Hudson), <i>Wordsworth</i> (George). | Junior and Senior: <i>French</i> , <i>German</i> . | Junior: Psychology (McCosh), logic (McCosh, Fowler). Senior: Evidences of Christianity (Butler's analogy), ethics (Gregory), psychology (Porter's elements of intellectual science). | 33 |

TABLE 23.—Courses of study in colleges

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|--------------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 33 | Central University, Richmond, Ky.— Continued. | A.B.—Con. | (Wilkins), or Greek— <i>Edipus Tyrannus</i> , <i>Prometheus Bound</i> , <i>The Seven against Thebes</i> , <i>The Clouds of Aristophanes</i> , hist. and lit., comp., <i>Latin, Greek</i> . | |
| | | B. S. | Latin—Freshman and Sophomore: Same as in A. B. course (Elective with French). | Freshman and Sophomore: Same as in A. B. course. Junior: <i>Analyt. geom.</i> , <i>calc.</i> Senior: Same as in A. B. course. |
| 34 | Tulane University of Louisiana, New Orleans, La. | Classical A. B. | Freshman: Latin—Ovid, Virgil, gram., Gildersleeve's Exercise Book, Keightley's Mythology; Greek—Gram., comp., Lysias, Herod. Sophomore: Latin—Gram., exercise book, hist. of Rome (Leighton), Cic., Catullus; Greek—Gram., Mahaffy's Old Greek Life, syntax, Homer, Demos, Lucian, reading at sight. Junior: Latin—Gram., exercise book, hist. of Rome, Horace, Livy; Greek—Greek lit., moods and tenses (Goodwin), Thucyd., Eurip., Sophocles. Senior: Latin—Tac., Juvenal, Plautus, gram., Becker's Gallus. | Freshman: Geom. and alg. (Wentworth), trig. and log. (Loomis). Sophomore: Conic secs., <i>analyt. geom.</i> (Loomis). |
| | | Literary A. B. Scientific B. S. | Latin—Same as in classical course. | Same as in classical course ... |
| | | Engineering B. S. | | Freshman: Same as in classical course. Sophomore: Conic secs., <i>analyt. geom.</i> , astron., <i>diff. and integ. calc.</i> (Clark). Junior: <i>Descrip. geom.</i> (Church). |
| 35 | Bowdoin College, Brunswick, Me. | A. B. | Freshman: Latin—Cic., Livy, Horace, comp.; Greek—Xen., <i>Odyssey</i> , New Greek Testament. Sophomore: Latin—Juvenal, Horace, Tac., comp., <i>Plautus</i> ; Greek—Soph., Demos., <i>Pin-dar</i> . Junior: Latin— <i>Terence</i> , <i>latin comedy</i> , <i>study of the Andria</i> , syntax; Greek— <i>Philosophers</i> , Plato, Eurip. Senior: Latin— <i>Development of Roman satire</i> , selections from Persius, Petronius, and Seneca, <i>Plautus</i> . | Freshman: Alg. (Wentworth), geom., trig. Sophomore: <i>Analyt. geom.</i> , <i>diff. and integ. calc.</i> Junior: <i>Diff. and integ. calc.</i> , <i>quaternions</i> , astron. (Newcomb and Holden). Senior: <i>Fract. astron.</i> |
| 36 | Bates College, Lew- iston, Me. | A. B. | Freshman: Latin—Livy, comp., Cic., Horace; Greek—Homer, Thucyd., Herod. Demos. Sophomore: Latin—Tac., Juvenal; Greek— <i>Æschylus</i> . | Freshman: Alg., geom. Sophomore: Trig., sur., nav., geom., <i>calc.</i> Senior: Astron. (Olmsted). |
| 37 | Colby University, Waterville, Me. | A. B. | Freshman: Latin—Livy, gram., comp., Tac., Horace; Greek—Herod. Thucyd., gram., comp., Homer, Xen., Lyric Poets. Sophomore: Latin—Hist. of Tac.; Greek—Lysias, Demos., Demos. or Greek Tragedy. Junior: Latin— <i>Horace</i> , | Freshman: Geom. (Wentworth), alg. (Wells), trig. (Wells). Sophomore: <i>Analyt. geom.</i> (Wentworth). Junior: <i>Calc.</i> (Taylor). Senior: Astron. (Loomis). |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman, Sophomore, and Junior: Same as in A. B. course. Senior: <i>Rhet., hist. of Eng. lit., Dowden's Shakspeare Primer, select plays of Shakspeare, Wordsworth.</i> | Freshman: French— <i>Gram.</i> (Whitney), <i>reader</i> (Otto). Sophomore: French— <i>Gram., French plays, hist. of France</i> (Yonge), <i>hist. of French language</i> ; German— <i>Gram.</i> (Otto), <i>reader</i> (Otto). Junior: <i>Gram., Wilhelm Tell, Emilia Galotti.</i> | Same as in A. B. course. | |
| Freshman: Hist. of Eng. lit. (Shaw), rhet. (Clark), phil. of style (Spencer), De Quincey's <i>Essay on Style</i> . Sophomore: Eng. lit., Peile's <i>Philology, rhet. (Aenung), Sir Roger de Coverly</i> . Junior: Hist. of Eng. lang. (Lounsbury). Eng. lit. Senior: Eng. lit., Anglo-Saxon <i>gram. and reader, Minto's manual of prose lit.</i> | Freshman and Sophomore: French. Junior and Senior: German. | Senior: Psychology (John Dewey), <i>hist. of phil. (Schwegler).</i> | 34 |
| Same as in classical course | Freshman, Sophomore, and Junior: French and German. | Same as in classical course. | |
| Same as in classical course..... | Same as in classical course..... | Same as in classical course. | |
| Same as in classical course..... | Same as in classical course..... | Same as in classical course. | |
| Sophomore: <i>Rhet. (Genung), comp., Eng. lit.</i> Junior: Eng. comp., <i>Whitney's Life and Growth of Lang.</i> Senior: <i>Eng. lit.</i> | Freshman: French <i>gram.</i> (Whitney), <i>Rougemont's La France, Tableaux de la Révolution Française</i> (Crane and Brun). <i>Le Voyage de M. Perrichon.</i> Sophomore: German— <i>Gram., reading.</i> Junior: German, <i>French.</i> Senior: <i>German.</i> | Junior: Logic (Jevons). Senior: Psychology (Dewey), <i>ethics, hist. of phil.</i> | 35 |
| Freshman: <i>Rhet.</i> Sophomore: Eng. lit., rhet. (Bain). Junior: Eng. lang. (Lounsbury), Chaucer. Senior: Eng. lit., study of Eng. authors. | Sophomore: French— <i>gram.</i> (Ploetz), <i>reader</i> (Bocher), <i>Cornéille's Cinna, Racine's Athalie.</i> Junior: German— <i>Gram.</i> (Meissner), Bacon's <i>Leitfaden, reader</i> (Evans's Otto), German lit., Schiller. | Senior: Psychology (Schuyler), <i>logic</i> (Schuyler), Butler's <i>Analogy, logic of Christian evidences, moral phil.</i> (Calderwood). | 36 |
| Freshman: <i>Elocution.</i> Sophomore: <i>Rhet.</i> (Clark, Hill), <i>science of lang., comp., elocution.</i> Eng. lit. Junior: <i>Comp., Eng. lit.</i> Senior: <i>Elocution, comp., advanced rhet., oratory.</i> | Sophomore: French— <i>Gram.</i> (Whitney), <i>La France, Tableaux de la Révolution Française.</i> Junior: French— <i>Lit., German—Gram., reader</i> (Deutsch). Senior: German— <i>Wilhelm Tell, Prosa; French—Lit.</i> | Senior: Psychology (Porter, Hamilton, Hill), <i>logic</i> (Jevons), <i>hist. of phil.</i> (Schwegler, Ueberweg), <i>moral science</i> (Calderwood, Janet, Robinson). | 37 |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|-----------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 37 | Colby University, Waterville, Me.— Continued. | ..... | <i>Terence, Cic., Catullus, Lucretius, Troullus, Propertius, Lucan, Pliny; Greek—Greek tragedy, Demos. Senior: Greek—Plato, Plutarch, or New Testament.</i> | |
| 38 | St. John's College, Annapolis, Md. | A. B. | Freshman: Latin—Virgil, Cic., Rom. antiquities and mythology, Livy, Horace, comp.; Greek—Anabasis, gram., comp. Sophomore: Latin—Horace, Cic., Terence, comp.; Greek—Homer, Herod., reading at sight. Junior: Latin—Tac., Plautus, comp.; Greek—Apology, Cretó, Medea, Demos., reading at sight, Greek lit. Senior: Latin—Tac., Juvenal, Persius, Quintilian, Lucretius, comp. | Freshman: Alg., geom. Sophomore: Geom., trig., sur., nav. Junior: Analyt. geom. (Todhunter). Senior: Astron. (Lockyer). |
| | | B. L. | Latin—Same as in A. B. course. | Freshman and Sophomore: Same as in A. B. course. Junior: Analyt. geom., dif. calc. (Rice and Johnson). Senior: Astron. |
| | | B. S. .... | ..... | Freshman, Sophomore, and Junior: Same as in B. L. course. Senior: Integ. calc. (Johnson), mech. (Goodeve), astron. |
| | | M. E. .... | ..... | Same as in B. S. course |
| 39 | Johns Hopkins University, Baltimore, Md. | Classical.. | First year: Latin—Livy, Horace, Comp., Cic., Cæsar, Ovid; Greek—Xen., Homer, Enrip., comp., Lysias, Plutarch, Herod. Second year: Latin—Plautus, Terence, Juvenal, Catullus, reading at sight, comp., Pliny, Lucretius, or Tac., reading at sight, comp. Greek—Xen., Eschylus, Soph., comp., Plato, Demos., Aristophanes. Third year: Comp., philology, classical antiquities. | ..... |
| | | Math. Phys. | ..... | First year: Analyt. geom., dif. and integ. calc. Second year: Theory of equations, analyt. geom., dif. and integ. calc., dif. equations. |
| | | Chem. Biology. | ..... | ..... |
| | | Phys. Chem. | ..... | First year: Same as in math.-phys. course. |
| | | Lat.-Math. | Latin—Same as in classical course. | Second year: Same as first year in math.-phys. course. Third year: Same as second year in math.-phys. course. |
| | | Hist.-Pol.. | First year: Classical history, Herod., Thucyd., Livy, Tac. | ..... |
| | | Mod. Lan. | First year: Latin—Same as in classical course. | ..... |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----|
| Freshman: Hist. of Eng. lang. (Lounsbury), essays. Sophomore: <i>Rhet., Shakspeare, Trench on Words, specimens of early Eng. authors, essays.</i> Junior: Hist. of Eng. lit., Shakspeare, Spencer, Bacon. | Freshman: French gram. (Bocher), French reader (Keetel). Sophomore: <i>French gram. and exercises</i> ; German — Gram. (Whitney), <i>Grimm's Hausmaerchen</i> . Junior: French—Victor Hugo, Racine, Molière, comp.; German — Wilhelm Tell, Hermann and Dorothea, lectures on German lit. and hist. Senior: German—Maid of Orleans, Faust, lectures on German lit. | Junior: Logic (Jevons-Hill). Senior: Evidences of Christianity, Butler's analogy, psychology, ethics. | 38 |
| Freshman: Comp., elocution, hist. of Eng. lang., essays. Sophomore: <i>Rhet., Shakspeare, Trench on Words, specimens of early Eng. authors, essays.</i> Junior: Same as in A. B. course. Same as in B. L. course | Freshman: Same as in A. B. course. Sophomore: French—Gram. and exercises; German—Gram., Grimm's Hausmaerchen. Junior and Senior: Same as in A. B. course. Same as in B. L. course..... | Same as in A. B. course. Same as in A. B. course. | |
| Same as in B. L. course..... First year: Essays, Eng. lit.... | Same as in B. L. course..... Second year: German—Otis, Whitney's gram., German reader, Schiller, Goethe, comp. Third year: French—Balzac, Angier, Daudet, Sand, Hugo, Sainte Beuve, Saintbury's primer of French lit. | Same as in A. B. course..... Third year: Logic, ethics, psychology. | 39 |
| Same as in classical course. | First year: German—Schiller, Goethe, Heine, reader, gram., comp., prose, reading. Second year: French—Balzac, Angier, Daudet, Sand, Hugo, Sainte Beuve, Saintbury's primer of French lit., Lamartine, Luquiens, gram., comp. | Same as in classical course. | |
| Same as in classical course. | Second year: Same as first year in math.-phys. course. Third year: Same as second year in math.-phys. course. | Same as in classical course. | |
| Same as in classical course. | Same as in math.-phys. course... | Same as in classical course. | |
| Same as in classical course | First year: Same as in math.-phys. course. Second year: Same as in math.-phys. course. | Same as in classical course. | |
| Same as in classical course | Same as in math.-phys. course .. | Same as in classical course. | |
| First year: Elizabethan writers, XIV century writers, XIX century writers, Anglo-Saxon, essays. Third year: <i>Rhet., Eng. authors, English of the 12th and 13th centuries, Morris and Skeat's specimens, Early Scottish poets, hist. of Eng. lit.</i> | Second year: Same as first and second years in math. phys. course. Third year: French—Hist. of the French theatre to Reynard, Cornelle, Racine, Molière, Darmesteter et Hatzfeld, Clédat lecture on French lit. Or German—Goethe, Schiller, prose readings, comp., lecture on hist. of German lit. | Same as in classical course. | |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|-------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 40 | Rock Hill College, Ellicott City, Md. | A. B. | Freshman: Latin—Gram., etymology, syntax, exercises, Sallust, Ovid, Virgil, comp.; Greek—Gram., exercises, Xen. Sophomore: Latin—Prosody, Cic., Livy, Horace, Rom. antiquities, comp.; Greek—Comp., Homer, Herod., Grecian antiquities. Junior: Latin—Cic., Horace, Tac., Roman antiquities; Greek—Demos., Eurip., Grecian antiquities, Greek lit. Senior: Latin—Plautus, Juvenal, comp., Rom. lit.; Greek—Sophocles, Plato, Greek lit. | Freshman: Alg. (Robinson), geom. and mens. (Robinson), trig. (Robinson). Sophomore: Descrip. geom., alg., trig., sur., nav. Junior: Astron. (Olmsted), alg., conic secs., analyt. geom. Senior: Dif. and integ. calc. (Loomis). |
| | | B. S. | Freshman and Sophomore: Same as in A. B. course. | Freshman and Sophomore: Same as in A. B. course. Junior: Astron., alg., topography, conic secs., analyt. geom., dif. calc. Senior: integ. calc., analyt. mech. |
| 41 | Mount St. Mary's College, Mount St. Mary's, Md. | A. B. | First year: Latin—Gram. (Bullion's and Morris'), comp., prosody, Virgil, Cic.; Greek—Gram. (Yenni), comp., Homer, Xen., history—Grecian and Roman. Second year: Latin—Gram., prosody, comp., Virgil, Cic., history—Grecian and Roman; Greek—Gram., comp., Homer, Demos, Mythology. Third year: Latin—Comp., Prosody, Horace, Livy; Greek—Comp., Prosody, Eurip., Demos. Fourth year: Latin—Juvenal, Persius, Tac., Plautus; Greek—Sophocles, Greek lit. and antiquities, Thucyd. | First year: Arith., alg. (Ficlin), geom. (Schuyler). Second year: Alg., trig., solid geom. (Schuyler). Third year: Analyt. geom. and calc. (Peck), sur. Fourth year: Astron. (Newcomb). |
| 42 | Amherst College, Amherst, Mass. | A. B. | Freshman: Latin—Cic., comp., Livy, Horace; Greek—Herod., Homer or lyric poets, Plato, Thucyd., Greek Testament. Sophomore: Latin—Tac., Plautus, Cic., Pliny, hist. of Latin lit., Rom. archæology, Catullus, Horace; Greek—Sophocles, Eurip., Demos., Sophocles., Greek historians, Junior: Latin—Seneca, Quintilian, Lucilius, Persius, Juvenal, Tac., Christian Latin poetry; Greek—Homer, Aristophanes, Lucian, Plato. Senior: Latin—Quintilian, Justinian, Cic.; Greek—Plato. Sanskrit: Gram. (Whitney), Lanman's reader, Nala, Rigveda, Hitopadeśa, Manu. | Freshman: Geom. (Wentworth), alg. (Olney), trig. (Wentworth). Sophomore: Analyt. geom. (Wentworth), calc. (Taylor). Junior: Analyt. mech., math. theory of elec. Senior: Astron. (Young), pract. astron. |
| | | B. S. | Latin—Freshman and Sophomore: Same as in A. B. course. | Same as in A. B. course. |
| 43 | Boston University, Boston, Mass. | A. B. | Freshman: Latin—Livy, Comp., Horace; Greek—Xen., Greek writing, Homer, Herod., Sophomore: Latin—Horace, Juvenal, Cic., Tac.; Greek—Demos. or Lysias; Greek. Junior: Latin, Greek. Senior: Greek, Latin, Sanskrit. | Freshman: Solid geom., alg., plane trig. Sophomore: Sph. trig., sur. Junior: Analyt. geom., calc. Senior: Theory of equations, or determinants, astron. |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: Rhet., studies in style, Irving's sketch book, elocution and reading, Eng. lit. (Jenkins), essays, Sophomore: Criticism, Eng. lit., Spencer's phil. of style, essays. Junior: Essays, Eng. lit., Shakspearean studies, Chaucer, development of old Eng. lit. (Brother Azarias). | | Junior: Logic (Jouin). Senior: Phil. of lit. (Azarias), metaphysics (Jouin and Balmes), ethics (Hill's moral philosophy), phil. of hist. (Schlegel), essays, evidences of Christianity (Jouin). | 40 |
| Same as in A. B. course..... | | Same as in A. B. course. | |
| First year: Rhet. (Hart), comp., Eng. etymology, Howard's outlines, elocution. Second year: Eng. lit. (Hart), Eng. etymology, comp., elocution. Third year: Comp., English past and present (Trench), rhet. (Hill), Elocution. Fourth year: Prose comp. (Minto), comp. in prose and verse, elocution. | | Third year: Logic. Fourth year: Metaphysics, ethics. | 41 |
| Freshman: Elocution. Sophomore: Elocution, <i>rhet.</i> (Gennung), oratory. Junior: Oratory, rhet., Eng. lit., oratory. Senior: Oratory, Eng. lit. | Sophomore: French— <i>Gram.</i> (Whitney), Bernard, Dumas, <i>De Rougemont</i> , Racine, Cornille, Feuillet, hist. of French lit., comp., Lacombe, Sand, Molière; German— <i>Gram.</i> (Meissner), reader (Deutsch), Lessing, Schiller, German lit. Junior: French—Crane, Both-Hendricksen, Alfred de Musset, Lamartine, Hugo; German—Goethe, scientific German, hist. of German lit.; Italian— <i>Gram.</i> and Italian lit. (Montagne), Dail, Dante; Spanish— <i>Gram.</i> (Montagne), Colmena, Espanola, Worman's first Spanish book, Cervantes. | Sophomore: <i>Logic</i> (Jevons). Senior: <i>Empirical psychology and logic</i> (Hickok), moral science (Hickok), rational psychology, hist. of phil. (Schwegler). | 42 |
| Freshman: Elocution. Sophomore: Elocution, <i>rhet.</i> , oratory. Junior and Senior: Oratory. | Freshman and Sophomore: Same as in Sophomore and Junior in A. B. course. | Sophomore: <i>Logic</i> . Senior: Empirical psychology and logic, moral science, rational psychology, history of phil. | |
| Sophomore: Rhet., vocal and forensic training, Eng. lit., Eng. essays. Junior: Vocal and forensic training, Eng. lit., Anglo-Saxon, Eng. essays. Senior: Eng. lit., Anglo-Saxon. | Freshman: German—Reading and exercises. Sophomore: German, French. Junior: German, French, Italian. Senior: French, German, Spanish. | Junior: Psychology, logic, ethics. Senior: Phil. of theism, <i>phil. of ethics</i> , evidences of Christianity, metaphysics, hist. of phil., theory of knowledge. | 43 |

TABLE 23.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 44 | Massachusetts Institute of Technology, Boston, Mass. | B. S. in C. E. | ..... | First year: Solid geom., alg., trig. Second year: Sur. descrip. geom., descrip. astron., analyt. geom., dif. calc. Third year: Sur., int. calc., astron. Fourth year: <i>Dif. equations, least squares.</i> |
| | | B. S. in Mech. Eng. | ..... | First year: Same as in B. S. in C. E. Second year: analyt. geom., descrip. geom., dif. calc. Third year: Int. calc., sur. |
| | | B. S. in Min. Eng. | ..... | First year: Same as in B. S. in C. E. Second year: Analyt. geom., sur., descrip. geom., dif. calc. Third year: Int. calc. |
| | | B. S. in Metallurgy. | ..... | First year: Same as in B. S. in C. E. Second year: Analyt. geom., dif. calc., descrip. geom. Third year: <i>Integ. calc.</i> |
| | | B. S. in Arch. | ..... | First and second years: Same as in B. S. in Mech. Eng. Third year: <i>Integ. calc.</i> |
| | | B. S. in Chem. | ..... | First year: Same as in B. S. in C. E. Second year: Analyt. geom., <i>dif. calc.</i> Third year: <i>Integ. calc.</i> |
| | | B. S. in Elec. Eng. | ..... | First year: Same as in B. S. in C. E. Second year: Analyt. geom., descrip. geom., dif. calc. Third year: Integ. calc. Fourth year: Least squares, dif. equations, <i>quaternions, theory of potential.</i> |
| | | B. S. in Biology. | ..... | First year: Same as in B. S. in C. E. Second year: Analyt. geom. |
| | | B. S. in Physics. | ..... | First year: Same as in B. S. in C. E. Second year: Analyt. geom., descrip. astron., dif. calc., <i>gen. theory of equations, determinants.</i> Third year: Integ. calc., analyt. geom., alg., trig., advanced calc., <i>quaternions.</i> Fourth year: Least squares, dif. equations, <i>alg., trig., analyt. geom., quaternions, advanced calc., definite integrals, theory of potential.</i> |
| | | B. S. in Gen. Studies. | ..... | First year: Same as in B. S. in C. E. Second year: Analyt. geom. Fourth year: descrip. astron. |
| | | B. S. in Chem. Eng. | ..... | First, second, and third years: Same as in B. S. in Elec. Eng. |
| | | B. S. in Sanitary Eng. | ..... | First and second years: Same as B. S. in Mining Eng. Third year: Sur., integ. calc. |
| 45 | Harvard University, Cambridge, Mass. | A. B. | Electives: Greek—Herod., Homer, prose comp., Lysias, Plato, Eurip., Aristophanes, Sidgwick's introduction, Goodwin's moods and tenses, Lucian, Demos., lyric poets, Soph. Æschylus, Thucyd., Xen., Plutarch, Lysurgus, Pindar, Aristotle, life of the ancient Athenians, Three Centuries of | Electives: Logarithms, plane trig., analyt. geom., alg., solid geom., pract. applications of plane trig., sph. trig., applications of sph. trig. to astron. and nav., dif. and integ. calc., elements of mechanics, theory of equations, quaternions and theoretical mechanics, higher plane |

and universities.—PART I—Continued.

Italics are elective.

| English. | Modern languages. | Philosophy. | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| First year: Hist. of Eng. lang., comp. Second year: Eng. lit. Third year: English. Fourth year: English. | First year: French or German. Second year: German. Third year: German. | ..... | 44 |
| First year: Same as in B. S. in C. E. Second year: Eng. prose. Third and Fourth years: Eng. prose. | Same as in B. S. in C. E. | | |
| First year: Same as in B. S. in C. E. Second year: Eng. lit. | Same as in B. S. in C. E. | | |
| First and second years: Same as in B. S. in C. E. Third year: <i>English</i> . | Same as in B. S. in C. E. | | |
| Same as in B. S. in C. E. | First, second, and third years: Same as in B. S. in C. E. Fourth year: Advanced French. | | |
| Same as in B. S. in Metallurgy... | Same as in B. S. in C. E. | | |
| First, second, and third years: Same as in B. S. in C. E. | Same as in B. S. in C. E. | | |
| Same as in B. S. in Elec. Eng.... | Same as in B. S. in C. E. | Third year: Sociology. | |
| Same as in B. S. in Elec. Eng.... | Same as in B. S. in C. E. | | |
| First year: Same as in B. S. in C. E. Second year: Eng. lit. Third year: English, Eng. lit. Fourth year: Eng. lit., literature of the 17th century. Same as in B. S. in Elec. Eng.... | First year: Same as in B. S. in C. E. Second and third years: French, German. Fourth year: German. Same as in B. S. in C. E. | Third year: Sociology. Fourth year: Logic, hist. of phil. | |
| Same as in B. S. in C. E. | Same as in B. S. in C. E. | | |
| Freshman: Rhet. and Eng. comp. (Hill). Sophomore: Twelve Themes. Junior and Senior: Four forensics each year. Electives: Eng. comp., oral discussion of topics in polit. econ. and hist., Sweets' Anglo-Saxon Reader, Anglo-Saxon poetry, early English, Eng. lit., Chaucer, Bacon, Milton, Shakspeare, Eng. lit. of | Freshman: French—Charde- nal's First French Course, Bo- cher's Reader, French prose or German gram., translation. Electives: <i>German</i> , modern essays, drama and lyrics, prose and poetry, German lit. of 19th century, Ger. lit. of 18th century—Lessing, Schiller, Goethe, hist. of Ger. lit. and art from the reforma- | Electives: Greek phil. (Zeller), logic (Jevons), psychology (Ladd), ele- mentary study of the fun- damental problems of phil., systematic ethics, Berkeley's principles of human knowledge, Hume's treatise of hu- man nature, Reid's es- says on the intellectual | 45 |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 45 | Harvard University, Cambridge, Mass.—Cont'd. | ----- | Greek history (600-300 B. C.), introduction to Greek Epigraphy, the result of archaeological research in Greek lands since 1874, hist. of Greek lit., the political and legal antiquities of Athens; Latin—Cic., Sallust, Virgil, comp., Livy, Terence, Plautus, Pliny, Tac., Horace, ancient phil., Suetonius, Juvenal, Martial, Catullus, Lucretius, hist. of Latin lit., private life of the Romans, Roman religion and worship, Ovid, gram., Quintilian, Gellius, Latin inscriptions, Greek and Latin comp., philology, practice in text criticism and interpretation of Greek and Latin authors. | curves, higher alg. (quantics), analyt. mech., introduction to spherical harmonics, hydrostatics, hydrokinematics, wave motion, Problems in the mechanics of rigid bodies, theory of functions, special advanced study and research. |
| 46 | Lawrence Scientific School, Cambridge, Mass. | B. S. in Civil and Topograph. Eng. | ----- | First year: Analyt. geom., descrip. geom., sur., geodesy. Second year: Pract. applications of plane trig., sph. trig., and its application, dif. and integ. calc. Third year: El. of mechanics. |
| | | B. S. in Geology. | ----- | Third year: Descrip. geom., sur. |
| | | B. S. in Biology. | ----- | ----- |
| | | B. S. in Elec. Eng. | ----- | First year: Analyt. geom., descrip. geom. Second year: Dif. and integ. calc., el. of mechanics. Third year: Dif. and integ. calc. Fourth year: Introduction to spherical harmonics. |
| 47 | Smith College, Northampton, Mass. | A. B. | First year: Latin—Livy, reading at sight, Horace, Cic., <i>Nepos</i> , prose comp.; Greek—Homer, Xen., lectures on hist. of Greek lit., Plato, <i>Homer</i> , <i>Herod.</i> , prose comp. Second year: Latin— <i>Plautus</i> , reading at sight, <i>Tac.</i> , <i>Macrobius</i> ; Greek— <i>Demos.</i> , lectures on Attic orators, <i>Greek Testament</i> , lyric poets. | First year: Alg. (Wentworth, Phillips, and Beebe), geom. and conic secs. (Loomis), plane trig. (Wentworth). Second year: Sph. trig., Dana's mechanics, astron. (Newcomb and Holden), analyt. geom. (Newcomb). Third year: Calc. (Byerly), <i>determinants</i> (Hanus), <i>Tait and Steele's dynamics of a</i> |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. |
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| Elizabethan period, exclusive of the drama and of Bacon, Eng. lit. of 17th century, Eng. lit. of 18th century, poets of 19th century, prose writers of 19th century, hist. and prin. of Eng. versification, elocution. | tion to the middle of the 19th century, hist. of German lit. and art in the Middle Ages, Nibelungenlied, Kudrun, Hartmann, Wolfram, Walther, practice in writing and speaking German, research in the history of German lit., Germanic philology; French—George Sand, Dumas, About, Sandeau, La Fontaine, Corneille, Racine, Molière, Beaumarchais, Sainte-Beuve, Alfred de Musset, Balzac, grammaire historique, comp., Bossuet, Voltaire, Rousseau, Montesquieu, Victor Hugo, Histoire de la littérature et de la société française depuis la fin du XVI ^e siècle, Histoire de la littérature et de la société française au X ^e et au XVI ^e siècles, La Renaissance et la Réforme en France, Le Moyen-âge en France, La Chanson de Roland, Les Romans de la Table Ronde, Le Roman de Renart, Villehardouin, Joinville, historical prose, special research in French lit., Italian, Spanish, romance, philology. | powers of man, earlier French phil. from Descartes to Leibnitz, and German phil. from Kant to Hegel, the phil. of nature in its relations to theology and ethics, ethics of social reform, phil. of religion. 45 |
| Fourth year: <i>Eng. comp.</i> | First year: German—Gram., translation; French—Char-denal's first course, Bôcher's reader, prose. Second year: German—Modern essays, drama, and lyrics, selections in biography and history, comp. or German prose and poetry, history and lit., comp. Third year: French—George Sand, Dumas, About, Sandeau, La Fontaine, Gram., comp. Fourth year: <i>German lit. of 19th century, French.</i> | Fourth year: <i>Logic and psychology.</i> 46 |
| First year: Rhet. (Hill), Eng. comp. Second year: Twelve themes. Third year: Forensics, lectures on argumentative comp. Fourth year: Forensics. | First year: Same as in B. S. in Civil and Topograph. Eng. Second year: German—Prose and poetry, hist. and lit., comp. | Third year: Psychology and general introduction to philosophical study, lectures on logic. |
| Fourth year: <i>Eng. comp.</i> | First year: Same as in B. S. in Civil and Topograph. Eng. Second year: German—Modern essays, dramas, and lyrics; selections in biography and hist., comp.; French—Same as in third year in B. S. in Civil and Topograph. Eng. Fourth year: <i>German, French.</i> | Third year: Logic (Jevons). Fourth year: Psychology (Dewey), ethics (Calderwood), evidences of Christianity, hist. of phil. (Schwegler), Aristotle's <i>De Anima</i> , hist. of modern phil., comp. religion, Watson's selections from Kant. 47 |
| Second year: Rhet, Eng. comp. Third year: Twelve themes. | Second year: French—Gram., Henri Gréville, comp., André Theuriot, La Fontaine, Lacombe, lectures on the hist. of France. Third year: German—Otis's el. gram., Grimm's Volkslieder, comp., gram. (Whitney), Benedix, Haufl, Baumbach, short selections from J. Schmidt, K. Frenzel, and others; Freitag (Die Jour- | |
| First year: Elocution, rhet. (Hill), gen. survey of Eng. lit., American lit. Second year: Rhet. (Grunig), Trench's <i>English Past and Present</i> , elocution, Eng. lit., the Elizabethan age, Shakespeare's tragedies and comedies, Shakespeare's historical plays, Sweet's Anglo-Saxon reader, Anglo-Saxon Bible, life and works of Chedmon. | | |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|---------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 47 | Smith College, Northampton, Mass.—Continued. | A. B.—Con. | Third year: Latin— <i>Tac., Latin etymology, comp., Catullus, writing and speaking Latin</i> ; Greek— <i>Plato, tragedies, Pindar</i> . Fourth year: Latin— <i>Tac., Terence, Quintilian, lectures on Latin rhetorical writers</i> ; Greek— <i>Plato, tragedies, selections</i> . | <i>particle, astron. (Young). Fourth year: Astron. (Newcomb and Holden), least squares, quaternions (Hardy), solid geom. (Aldis), pract. astron.</i> |
| | | B. L. | First year: Latin— <i>Livy, reading at sight, Horace, Cic., comp., or Greek—Homer, Xen., Plato, lect. on hist of Greek lit.</i> | ..... |
| | | B. S. .... | ..... | First year: Same as in A. B. course. Second year: <i>Sph. trig., mechanics, analyt. geom.</i> |
| 48 | Mount Holyoke Seminary and College, South Hadley, Mass. | A. B. | First year: Latin— <i>Cic., Livy, prose comp.; Greek—Greek historians, comp., syntax, Homer, reading at sight, Demos., Testament</i> . Second year: Latin— <i>Horace, Tac., Crowell's selections from the Latin poets, Pliny</i> ; Greek— <i>Drama, Plato, lyric poets, Plato's Phædo</i> . Third year: Latin— <i>Cic., Plautus</i> . Fourth year: Latin— <i>Latin poets, Quintilian</i> ; Greek— <i>Plato</i> . | First year: <i>Alg. (Olney), geom. (Chauvenet), trig. (Olney)</i> . Second year: <i>Analyt. geom.</i> Third year: <i>Calc., astron. (Young)</i> . Fourth year: <i>Sph. and pract. astron.</i> |
| | | B. S. | First year: Latin— <i>Cic., Livy, prose comp.</i> . Second year: Latin— <i>Crowell's selections from Latin poets, Pliny</i> . Fourth year: <i>Greek and Oriental lit.</i> | First year: Same as in A. B. course. Second year: <i>Analyt. geom., dif. calc., integ. calc.</i> Third year: <i>Mechanics, astron.</i> Fourth year: <i>Sph. and pract. astron., advanced analyt. geom., determinants.</i> |
| 49 | Wellesley College, Wellesley, Mass. | A. B. | Freshman: Latin— <i>Comp., Cic., Livy, Tac.</i> ; Greek— <i>Plato, Herod., Odyssey</i> . Sophomore: Latin— <i>Horace, comp., Pliny</i> ; Greek— <i>comp., Demos.</i> Junior: Latin— <i>Plautus, Terence, Juvenal, Cic., Greek, Thucyd., Testament</i> . Senior: Latin— <i>Lucretius, Quintilian, Cic., lyric, idyllic, and elegiac poetry</i> ; Greek— <i>Eurip., Æschylus, Sophocles, Testament</i> . | Freshman: <i>Geom. (Chauvenet), alg. (Newcomb), trig. (Chauvenet)</i> . Sophomore: <i>Theory of equations, analyt. geom. (Puckle)</i> . Junior: <i>Dif. and integ. calc. (Rice and Johnson)</i> . Senior: <i>Determinants, analyt. geom. (Aldis), modern analyt. geom. (Whitworth), analyt. mech., theoret. astron. (Watson), phys. astron.</i> |
| | | B. S. | Junior: <i>Latin, Greek Testament</i> . Senior: <i>Latin</i> . | Freshman: Same as in A. B. course. Sophomore: <i>Theory of equations, analyt. geom.</i> Junior and Senior: Same as in A. B. course. |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
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| Third year: Rhet. (Whately), <i>Eng. lit., Anglo-Saxon poetry, elocution, comp., study of Eng. rhet.</i> Fourth year: <i>Eng. lit., rhet., elocution.</i> | nalisten); French— <i>Hist. of Fr. lit. in 19th century, selections from authors of the period, Molière, Racine, Corneille.</i> Fourth year: French— <i>Lit. of the Renaissance, hist. of Fr. lit. from the earliest times to the Renaissance;</i> German— <i>Goethe, Lessing, Freitag, Scherer, Max Müller, Schiller, Kluge, comp.</i> | | 47 |
| First year: Elocution, rhet., <i>Eng. lit.</i> Second year: Rhet., <i>Eng. lit., Anglo-Saxon.</i> Third year: Rhet., <i>Eng. lit.</i> Fourth year: Rhet. | First year: French or German. Second and third years: French, German. | Third year: Logic. Fourth year: Psychology, ethics, evidences of Christianity. | |
| First year: Rhet. Third year: Rhet. | First and second years: Same as in B. L. course. | Third year: Logic. Fourth year: Ethics. | |
| First year: Rhet., <i>Eng. lit.</i> Second year: Rhet. Third year: <i>Eng. lit., rhet.</i> Fourth year: <i>Rhet., Eng. lit., Anglo-Saxon, elocution.</i> | Second year: French— <i>Selections from modern plays, gram., translation from Eng. into Fr., comp., Racine, Corneille;</i> German— <i>Gram., poetry, Ger. prose, lyric poems.</i> Third year: French— <i>Molière, Lamartine, Madame de Sévigné, translations from Eng. into Fr., Chardenal, Mérimée, Victor Hugo, George Sand, comp., histoire de la littérature Française;</i> German— <i>Syntax, modern plays, Lessing, ballads, Schiller, comp., national literature.</i> | Third year: Logic (Jevons), C. C. Everett's science of thought, Harris's theory of the syllogism. Fourth year: Psychology (Hickok), introduction to the study of phil. (Harris), hist. of phil. (Harris), Schwegler, Ueberweg, theism and Christian evidences, ethics. | 48 |
| First year: Rhet. Second year: Rhet., elocution. Third year: <i>Eng. lit., rhet., elocution.</i> Fourth year: <i>Eng. lit., rhet.</i> | First year: French— <i>Selected prose, gram., modern plays, comp., translation, Racine, Corneille; or German—Gram., modern plays, lyric poems, syntax, comp., Lessing, Schiller, ballads.</i> Second year: French— <i>Molière, Lamartine, Madame de Sévigné, translations, Chardenal, Mérimée, Victor Hugo, George Sand, comp., histoire de la littérature Française; or German—Schiller, Kluge, comp., literature, scientific German.</i> Third year: French; German— <i>Schiller, Goethe, literature, scientific German, comp.</i> | Fourth year: Same as in A. B. course. | |
| Freshman: Lect. on 19th century authors, elocution. Sophomore: Hist. of <i>Eng. lit., rhet.</i> Junior: Rhet., <i>elocution, Eng. lit.</i> Senior: Rhet., <i>Eng. lit., Anglo-Saxon</i> (Sweet), <i>elocution.</i> | Sophomore, Junior, and Senior: <i>French, German.</i> Junior: <i>Italian.</i> Senior: <i>Italian or Spanish.</i> | Freshman: Christian ethics. Junior: Logic, <i>introduction to phil., psychology, ethics, moral phil., metaphysics.</i> Senior: Psychology, ethics, moral phil., or psychology and metaphysics, <i>Christian evidences, speculative phil., hist. of phil.</i> | 49 |
| Same as in A. B. course..... | Freshman: French— <i>Hist. of Fr. lit. to 17th century (Dennogoot), three classic plays, gram., comp.; German—Schiller's life and works, gram., comp., Die Schönsten Deutschen Leider.</i> Sophomore: French— <i>Lit. of 17th century, translations from Eng. into French;</i> German— <i>Hist. of Ger. lang. and lit., Goethe's life and works, Goethe, Schiller, Lessing, poetry.</i> Junior: French— <i>Lit. of 18th</i> | Same as in A. B. course. | |

TABLE 28.—Courses of study in colleges

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and Astronomy. |
|----|------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 49 | Wellesley College, Wellesley, Mass.— Continued. | ..... |  |  |
| 50 | Williams College, Williamstown, Mass. | A. B. | Freshman: Latin—Livy, Smith's Rome and Carthage, Horace, comp., lectures, Tacitus, rapid reading; Greek—Herod., Homer, Thucyd., comp., lectures on Greek arch. Sophomore: Latin—Horace, Cic., <i>Cicero's letters</i> ; Greek—Plato, Eurip., lectures on Greek phil., <i>Aristophanes and drama</i> . Junior and Senior: Latin— <i>Rapid reading, interpretation, textual criticism, syntax, conspiracy of Catiline</i> ; Greek— <i>Lysias, Xen., hist. of Athens, oratory, Lucian</i> . | Freshman: Alg. (Wentworth), geom. (Loomis), trig., mens., nat., and sur. (Loomis). Sophomore: Conic secs. (Loomis), <i>analyt. geom.</i> Junior and Senior: Astron. (Loomis). Junior: <i>Trig., conic secs.</i> Senior: <i>Calc., astron.</i> |
| 51 | Michigan Agricultural College, Agricultural College, Mich. | B. S. in Agr. | ..... | Freshman: Alg. (Olney), geom. (Wentworth). Sophomore: Alg., trig. (Olney), sur. Senior: <i>Astron.</i> (Newcomb). |
| | | B. S. in Mech. | ..... | Freshman: Alg., geom., descrip. geom. Sophomore: Descrip. geom., alg., trig., sur., <i>analyt. geom.</i> (Olney). Junior: Calc. (Olney), solid geom., <i>analyt. mech.</i> (Bowser). Senior: <i>Astron.</i> (Newcomb). |
| 52 | University of Michigan, Ann Arbor, Mich. | ..... | Latin—Livy, gram., comp., Quintilian, Horace, lectures on Rom. lit., Pliny, classical antiquities and art, Virgil, Tacitus, Plautus, Terence, Persius, Cicero, Seneca; Greek— <i>Lysias, Xen., Demos., Æschylus, Soph., Aristophanes, Lyric anthology, Pindar, Plato, Aristotle, Homer, Eurip., hist. of Greek lit., Greek antiquities, selections from the minor Greek poets, Plato, modern Greek, Sanskrit, gram. (Whitney), Kalidasa's Sakuntala, Lanman's Sanskrit reader.</i> | Alg., <i>analyt. geom., calc., modern higher alg., trig., dif. equations, quaternions, analyt. mechanics, mathematical reading, math. theory of electricity, elements of the theory of functions, theoret. astron., sph. and pract. astron., gen. astron., descrip. geom., surveying.</i> |
| 53 | University of Minnesota, Minneapolis, Minn. | A. B. | Freshman: Latin—Livy, comp., Rom. hist.; Greek— <i>Xen., hist. of Greece (Smith, Grote), Demos.</i> Sophomore: Latin—Horace, hist. of Rom. lit., Tac., Pliny; Greek—Greek tragedy, hist. of Greece (Smith), Plato, Homer, essays. Junior: Latin—Plautus, early Latin lang. and lit., <i>hist.</i> | Freshman: Higher alg., trig., <i>sur.</i> Junior: <i>Astron., analyt. geom., conic sections, dif. calc., integ. calc.</i> Senior: <i>Pract. astron., analyt. geom., quaternions.</i> |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
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| | century (Albert), <i>classics</i> , translation. German, <i>hist. of Ger. lit.</i> , <i>Goethe</i> , <i>poetry</i> , <i>essays</i> ; Italian. Senior: French— <i>Lit. of 19th century</i> , <i>early French from the 10th to the 15th centuries</i> , <i>essays</i> ; German— <i>Hist. of Ger. lit. of 19th century</i> , <i>Medea</i> , <i>Uriel Acosta</i> , <i>Harald</i> , <i>poetry</i> , <i>Italian or Spanish</i> . | | 49 |
| Freshman: Oratory, rhet. (Bacon and Morgan). Sophomore: Rhet., oratory. Junior: Rhet., oratory, <i>Canterbury tales</i> , <i>lit. of 19th century</i> . Senior: Rhet., manual of Eng. lit. (Arnold), <i>lit. of Elizabethan age</i> . | Sophomore: German—Gram., prose reading, comp., Schiller. Junior: German—Lit. of 19th century, comp., stories and plays, <i>lit. of 18th century</i> , Lessing, Schiller, lyrics and ballads, lectures on contemporary lit.; French—Gram., prose reading, exercises, modern comedies, modern dramas. Senior: <i>French</i> , <i>German</i> . | Senior: Outline study of man (Hopkins), psychology (Sully), logic (Jevons), law of love and love as a law (Hopkins), theory of morals (Jauet), <i>hist. of philosophy</i> (Schwegler), <i>Flint's theism</i> , <i>psychology</i> , <i>ethics</i> , <i>modern phil.</i> | 50 |
| Freshman: Whitney's essentials, elocution, rhet. (Hill). Sophomore: Declamations, essays, rhet., oratory. Junior: Essays, oratory. Eng. lit. Senior: <i>Essays</i> , <i>Eng. lit.</i> , <i>Milton</i> , <i>oratory</i> . | Junior: German or French..... | Junior: Logic (Jevons). Senior: <i>Psychology</i> (Bacon), <i>moral phil.</i> | 51 |
| Freshman and Sophomore: Same as in B. S. in Agr. Junior: Oratory. Senior: Oratory, Eng. lit. | | | |
| Comp., speeches, rhet., rhetorical criticisms, forensics, Eng. lit., (1) period of Anglo-Saxon, (2) period of early modern English, (3) study of masterpieces, (4) period of transitional English, (5) period of modern English, (6) study of Shakspeare, <i>hist. of English drama</i> , <i>American lit.</i> , gram. (Whitney, Greene), elocution, oratory. | French—Beginning French, idiomatic analysis, French classic dramas, scientific reading, French plays and modern prose, Montaigne, Crane's <i>Le Romantisme Français</i> , composition and translation from Eng. into French, study of authors, La Fontaine, théâtre de Voltaire, Rousseau and Montesquieu, contract social and esprit des lois; German—Gram., reader, Schiller, Goethe, Lessing, classical and scientific prose, the Nibelungenlied, der arme Heinrich, Walter von der Vogelweide, <i>lit. of 18th century</i> , <i>lit. of 19th century</i> , lyric poetry, chemical lit.; Italian—Gram., reader, Dante; Spanish—Spanish gram. and readings (Knapp); Swedish; Gothic—Gram. | Empirical psychology (Dewey), real logic or the principles of phil. formal logic (Jevons), <i>hist. of phil.</i> , <i>ethics</i> , Locke's essay, Berkeley's principles, Hegel's logic, political phil., principles of science, aesthetics, physiological psychology (Ladd), speculative psychological problems, Hume's treatise on human nature. | 52 |
| Freshman: Rhet., elocution, comp., Anglo-Saxon, <i>hist. of Eng. lang.</i> Sophomore: Rhet. (Günung), elocution, orations, <i>Milton's Paradise Lost</i> , <i>Shakspeare</i> . Junior: <i>Hist. of New Eng. lit.</i> , orations, essays, <i>Shakspeare</i> , <i>hist. of old and middle Eng. lit.</i> Senior: Orations, essays, Eng. lit., comparative philology, Shakspeare. | Sophomore: French—Gram. and reader (Otto). Junior: German—MacMillan's <i>German course</i> , <i>Boisen's German prose</i> , <i>Whitney's German gram.</i> , <i>Deutsche lyric and hist. of Ger. lit.</i> ; French— <i>Sous la Neige</i> , <i>Roman d'un Jeune Homme Pauvre</i> , <i>Athalie</i> , <i>Petite grammaire</i> , <i>Française histoire de la littérature</i> | Junior: Logic, psychology. Senior: <i>Hist. of philosophy</i> , <i>natural theology</i> , <i>ethics</i> . | 53 |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|--------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 53 | University of Minnesota, Minneapolis, Minn.—Continued. | | <i>and elements of Rom. law; Greek—Homer, Grote's history, Blackie's Horæ Hellenicæ. Senior: Latin—L. Seneca's Dialogues and Latin Hymns; Greek—Lyrics, lectures.</i> | |
| | | B. S. | Freshman: Latin— <i>Livy, comp., Rom. hist.</i> Sophomore: Latin— <i>Horace, hist. of Rom. lit., Tac., Pliny.</i> Junior: Latin— <i>Plautus, early lang. and lit., hist. and elements of Rom. law.</i> | Same as in A. B. course. |
| | | B. L. | Freshman and Sophomore: Same as in B. S. course. Junior: <i>Hist. and elements of Rom. law.</i> Senior: Same as in A. B. course. | Same as in A. B. course. |
| 54 | University of Mississippi, University, Miss. | A. B. | Freshman: Latin—Gram., comp., Cic., Livy, Rom. hist.; Greek—Hist., Xen. Sophomore: Latin—Comp., Horace, Tac., Rom. hist.; Greek—Hist., Herod., Thucyd., Plato, Demos. | Freshman: Van Amringe's Bourdon's Alg., geom. (Legendre). Sophomore: Trig. (Legendre), analyt. geom. (Church), mens., sur., calc. (Church). Senior: Mechanics (Peck), astron. (Loomis). |
| | | B. S. | Latin—Same as in A. B. course. | Same as in A. B. course. |
| 55 | St. Louis University, St. Louis, Mo. | A. B. | Freshman: Latin—Syntax, prosody, gram., Cæsar, Ovid, Virgil, Cic., selections from Christian poets, themes, verse making; Greek—Etymology, syntax, gram., Greek anthology, Xen., themes. Sophomore: Latin—Prosody, Virgil, Cic., Horace, selections from Christian poets, versification, themes, imitations; Greek—Dialects, prosody, Xen., Homer, themes, conversion of dialects. Junior: Latin—Cic., Horace, Tac., comp., themes, imitations, translations; Greek—Demos., St. Chrysostom, Sophocles or Æschylus, themes, imitations. | Freshman: Geom. (Wentworth). Sophomore: Trig. (Wentworth), sur. Junior: Alg. (Wentworth), analyt. geom. (Wentworth). Senior: Dif. and integ. calc., astron. (Newcomb and Holden). |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
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| | <i>Française au Moyen Age, Le Cid, La Philosophie de l'Art, La Philosophie de l'Art en Italie, La Littérature du XVIII^e siècle; Scandinavian. Senior: French—Eickmann-Chatrian, Vauvenargues, Marcellac, Rougemont, Tableaux de la Révolution française, Taine, lectures, De l'Idéal dans l'Art, Alfred de Vigny, Victor Hugo, la littérature contemporaine; German—Schiller, Goethe, Lessing, Deutsche Lyric, and hist. of Ger. lit.; Scandinavian.</i> | | 53 |
| Freshman: Rhet., elocution, comp., <i>Anglo-Saxon, old and middle Eng. poetry</i> , hist. of Eng. lang., Chaucer. Sophomore: Same as in A. B. course and <i>hist. of old and middle Eng. lit.</i> Junior and Senior: Same as in A. B. course. | Freshman: German—Schiller, <i>gram., German historical ballads</i> (Wagner), <i>Lessing</i> . Sophomore: French— <i>Gram. and reader</i> (Otto), <i>Fénélon's Télémaque</i> . Junior: German—Schiller, <i>Goethe, Lessing, Deutsche lyric and hist. of Ger. lit.</i> ; Scandinavian. Senior: Same as in A. B. course. | Same as in A. B. course. | |
| Same as in B. S. course..... | Freshman: German—Schiller, <i>gram., Wagner, Lessing</i> . Sophomore: French— <i>Gram. and reader, Télémaque</i> . Junior: German—Schiller, <i>Goethe, Lessing, Deutsche lyric and hist. of Ger. lit.</i> ; French— <i>Sous la Neige, Roman d'un Jeune Homme Pauvre, Athalie, Petite Grammaire Française histoire de la littérature Française, au Moyen Age, Le Cid, La Philosophie de l'Art, La Philosophie de l'Art en Italie, La Littérature du XVIII^e siècle; Scandinavian. Senior: Same as in A. B. course.</i> | Same as in A. B. course. | |
| Freshman: Gram. (Whitney), rhet., <i>Anglo-Saxon grammar and reader</i> (March), <i>Trench on Study of Words</i> . Junior: Morris' <i>Accidence</i> , Amer. lit., Gummere's <i>Handbook of Poetics</i> , Rolfe's <i>Select Plays</i> , Hale's <i>Eng. Poems</i> , Dowden's <i>Mind and Art of Shakspeare</i> . Freshman: Gram., rhet. Junior: Same as in A. B. course. | Sophomore: French—Montonnier's <i>Etude Française</i> , Worman's <i>Second French Book</i> , <i>Contes Choisis</i> , hist. of French lit. | Junior: Psychology, logic (McCosh), moral phil. (Calderwood), Christian evidence, hist. of phil. | 54 |
| | Sophomore: French—Same as in A. B. course; German—Woodbury's <i>Easy Lessons in Ger.</i> ; Worman's <i>Second Ger. Book</i> , <i>Novellen und Schauspiele</i> , Ger. lit. | Same as in A. B. course. | |
| Freshman: Coppen's <i>Pract. Introduction</i> , comp., dialogues, versification, Eng. lit., elocution. Sophomore: Coppen's <i>Pract. Introduction</i> , nature and varieties of poetry, including epic, beauty, sublimity, taste, etc., Jenkins' <i>Manual</i> , lit. of eighteenth and nineteenth centuries, elocution. Junior: Comp., dramatic poetry, history, Jenkins' <i>Manual</i> , Eng. lit., elocution. Senior: Eng. lit., elocution. | | Freshman: Christian doctrine. Sophomore and Junior: <i>Evidences of religion</i> (Schouppé). Senior: <i>Evidences of religion</i> (Schouppé), logic and metaphysics (Russo), ethics (Jouin). | 55 |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|---------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 56 | Washington University, St. Louis, Mo. | A. B. | Freshman: Latin—Livy, Horace; Greek—Felton's Greek Historians, Isocrates, Homer, Lysias, exercises in writing Greek. Sophomore: Latin—Cic., Juvenal, Terence, Plautus; Greek—Demos., Æschylus, Eurip. Junior: Latin—Tacitus or Quintilian; Greek—Thucyd., Sophocles. Senior: Latin; Greek. | Freshman: Geom., higher alg., trig. Sophomore: Analyt. geom., dif. calc. or mechanics. Junior: Sph. trig., integ. calc. Senior: Astron. |
| | | Ph. B. | Latin—Same as in A. B. course. | Freshman: Geom., higher alg., trig., descrip. geom. Sophomore: Analyt. geom., dif. calc. or mechanics, descriptive geom. Junior: Sph. trig., integ. calc., stereotomy, least squares. Senior: Astron., pract. astron. |
| | | C. E. .... | ..... | Freshman: Geom., higher alg., trig., descrip. geom. Sophomore: Analyt. geom., descrip. geom., dif. calc., sur. Junior: Stereotomy, integ. calc., sph. trig. Senior: Descrip. astron. (Newcomb and Holden), pract. astron. Fifth year: Least squares. |
| | | D. E. .... | ..... | Freshman and Sophomore: Same as in C. E. course. Junior: Integ. calc., sph. trig. Senior: Descrip. astron. Fifth year: Theory of probability, least squares, analyt. geom., Quaternions, sph. trig., pract. astron. |
| | | Chemist .. | ..... | Freshman and Sophomore: Same as in C. E. course. Junior: Integ. calc. |
| | | Mining .. | ..... | Freshman and Sophomore: Same as in C. E. course. Junior: Integ. calc. |
| | | B. S. .... | ..... | Freshman and Sophomore: Same as in C. E. course. Junior: Integ. calc., sph. trig. Senior: Appl'd mec., astron., pract. astron. |
| | | M. S. .... | ..... | Freshman and Sophomore: Same as in C. E. course. Junior: Calc., analyt. geom., sph. trig., advanced descrip. geom. Senior: Descrip. astron., analyt. mech., geodesy, calc., dif. equations, pract. astron. Fifth year: Quaternions, least squares, higher equations, sph. harmonics. |
| 57 | Drury College, Springfield, Mo. | A. B. | Freshman: Latin—Livy, comp., Horace; Greek—Homer, etymology, hist., Herod. Testament, Thucyd., comp. Sophomore: Latin—Horace, Cic., Tac., Juvenal; Greek—Plato, Demos. Sophomore Junior: Latin—Quintilian, Plautus; Greek—Aristophanes. | Freshman: Geom. (Wentworth), alg. (Olney). Sophomore: Sph. trig. (Robinson), sur., analyt. geom., conic sec. (Coffin), descrip. geom. (Davis). Junior: Astron. (Newcomb). |
| | | B. S. .... | ..... | Freshman: Geom., alg., trig. Sophomore and Junior: Same as A. B. course. |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: Themes, elocution. Sophomore: Themes, elocution, list. of Eng. lit. Junior: Rhet., study of early English, themes. Senior: Eng. lit., graduating thesis. | Freshman: French or German. Sophomore: French—Reading from French authors; German—Gram., comp., lit., conversation. Junior: German, French. Senior: <i>German, French.</i> | Freshman: El. ethics. Junior: Logic (Jevons). Senior: Porter's Elements of Intellectual Science, ethics. | 56 |
| Same as in A. B. course | Same as in A. B. course | Same as in A. B. course. | |
| Freshman: Elocution, comp., Shakspeare. Sophomore: Modern lit. Junior: Early Eng. lit. Senior: Study of style. | French or German. Freshman: Gram., reader. Sophomore: Reading prose writers. | Freshman: Ethics. | |
| Same as in C. E. course, and Senior: <i>Rhet., Eng. lit., study of Anglo-Saxon.</i> Fifth year: <i>Early English, Eng. lit.</i> | Freshman and Sophomore: Same as in C. E. course. Junior and Senior: <i>German</i> or <i>French.</i> Fifth year: <i>French, German.</i> | Same as in C. E. course. | |
| Same as in C. E. course | Freshman and Sophomore: Same as in C. E. course. | Same as in C. E. course. | |
| Same as in C. E. course | Same as in chemistry | Same as in C. E. course. | |
| Freshman and Sophomore: Same as in C. E. course. Junior: Rhet., <i>early English.</i> Senior: Study of style, <i>Eng. lit.</i> | Freshman and Sophomore: Same as in C. E. course. Junior and Senior: French or German. | Freshman: Ethics. Junior: Logic. Senior: Mental phil. | |
| Freshman and Sophomore: Same as in C. E. course. Junior: Hist. of Eng. lit. Senior: English, rhet. Fifth year: Thesis for graduation. | Freshman and Sophomore: Same as in C. E. course. Junior: French, German. Senior: German. | Same as in C. E. course. | |
| Junior: Rhet. (Hill). Senior: Eng. lit. (Shaw). | Junior: German | Junior: Logic (Fowler), evidences of Christianity (McIlvaine). Senior: Intellectual phil. (Porter), moral phil. (Hickok). | 57 |
| Sophomore: Eng. lit. Junior and Senior: Same as in A. B. course. | Freshman: French. Sophomore: French lit. Junior: German. | Same as in A. B. course. | |

TABLE 28.—*Courses of study in colleges*

NOTE—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 58 | Dartmouth College, Hanover, N. H. | A. B. | Freshman: Latin—Livy, Cic., Horace, writing Latin; Greek—Plato, Xen., comp., Homer, historians, antiquities. Sophomore: Latin—Horace, Tac.; Greek—Sophocles, Greek drama, lyric poets, Demos. Junior: Latin— <i>Quintilian, Pliny, Plautus, Terence, Juvenal, Seneca</i> ; Greek— <i>Æschines and Demos., Eurip. and Aristophanes, Thucyd.</i> Senior: Greek— <i>Archæology, Collignon's Manual Sanskrit.</i> | Freshman: Alg. (Quimby), solid geom. (Olney), trig. (Olney). Sophomore: Analyt. geom. (Olney), sph. trig. and conic sections, <i>diff. and integ. calc., el. mechanics</i> (Wood). Junior: <i>Analyt. mechanics, descrip. geom.</i> (Church), astron. (Young). Senior: Optional, pract. astron. (Loomis). |
| | | B. L. | Latin—Same as in A. B. course. | Freshman: Same as in A. B. course. Sophomore: Same as in A. B. course, and sur., descrip. geom. Junior and Senior: Same as in A. B. course. |
| | | B. S. | | First year: Alg. (Quimby), geom. (Olney), trig. (Olney). Second year: Gen. geom. and calc. (Olney), sur. (Johnson), descrip. geom. (Church). Third year: <i>Integ. calc., analyt. mech.</i> (Peck). Fourth year: Astron. (Young). |
| 59 | New Hampshire College of Agriculture and Mechanic Arts, Hanover, N. H. | B. S. in Agr. and Chem. | | First year: Alg. (Quimby), geom. (Olney). Second year: Trig. (Olney). Third year: Sur. (Murray), el. mech. (Wood). Fourth year: Astron. (Newcomb and Holden). |
| | | B. S. in Mech. Eng. | | First year: Same as in B. S. course in Agr. and Chem. Second year: Trig., descrip. geom. Third year: Sur., el. mech., gen. geom. and calc. (Olney). Fourth year: Astron. |
| 60 | Rutgers College, New Brunswick, N. J. | A. B. | Freshman: Latin—Cic., comp., synonymes (Shumway), etymology (Halsey), Livy, Horace, mythology and antiquities. Greek—Lucian's Timon or three books of Homer, Greek writer (Sidgwick), Demos., Greek lit. (Jebb), Isocrates, prose (Wilkins). Sophomore: Latin—Cic., comp., Tac., Pliny, Terence or Plautus, hist. of Latin lit.; Greek—Sophocles, comp. (Wilkins), Thucyd., Aristophanes. Junior: Latin—Institutes of Justinian or Gaius, outlines of Rom. law. (Morey), writing Latin, Cic., Catullus, Tibullus, Propertius; Greek—Plato, Buckholz's Anthology, Aristotle's <i>ethics</i> , Senior: Latin— <i>Rhetorical, or legal, or patristic, Lucretius, Virgil, Latin style</i> ; Greek— <i>Aristotle's Organon with Porphyry's Isagoge, Anthology, Trendelenburg's Elementa, Log., Aristotle, lectures on the Organon.</i> | Freshman: Geom. and Alg. (Wentworth). Sophomore: Trig. (Wentworth), analyt. geom. (Bowser). Junior: <i>Diff. and integ. calc.</i> (Bowser), astron. (Newcomb and Holden). Senior: Pract. astron. (Loomis), observatory work. |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: Themes in Eng. his. Sophomore: Forensics. Junior: Rhet. (Hill), Eng. lit. (Taine). Senior: Forensics. <i>Eng. lit., Anglo-Saxon and early English, Amer. lit., life and growth of language</i> (Whitney). | Sophomore: French—Gram., selections from contemporary French authors, <i>reading of modern authors</i> ; German—Gram. and reader. Junior: French— <i>Reading of classic authors</i> ; German—Poetry, <i>historical prose</i> . Senior: French— <i>Hist. of Fr. lit.</i> ; German— <i>Drama</i> . | Junior: Logic, nat. theology. Senior: Anthropology, psychology, hist. of ancient phil., ethics, evidences of Christianity, aesthetics, <i>hist. of modern phil., systematic phil.</i> (optional). | 56 |
| Same as in A. B. course..... | Freshman: French—Same as in Sophomore in A. B. course. | Same as in A. B. course. | |
| First year: Themes, discussions. Second year: Elocution, themes, discussions. Third year: Rhet. (Haven), discussions, themes, lectures. Fourth year: <i>Welsh's Eng. Lit.</i> , lectures, orations, theses, elocution. | First year: French—Keetel's Gram. Second year: French—Gram., <i>La France</i> , comp., <i>La Littérature Française Contemporaine</i> ; German—Gram., Collar's Eysenbach, <i>Neue Anekdoten</i> . Third year: French—Bercy's Variétés Historiques et Littéraires, Lacombe's Histoire des Peuple Française, comp., Fr. lit., Figuier's Les Grandes Inventions. German—Gram., Drama, reader, scientific German. Fourth year: German—Wilhelm Tell, scientific works, comp., Ger. lit. Third year: French..... | Second year: Evidences of Christianity (Hopkins). | 59 |
| Second year: Eng. lit. (Shaw), rhet. (Hill), themes. Third year: Rhet., themes. Fourth year: <i>Eng. lit., Amer. lit.</i> | Third year: French..... | | |
| Same as in B. S. in Agr. and Chem. | Same as in B. S. in Agr. and Chem. | | |
| Freshman: Rhet. (Kellogg), lectures, essays, hist. of Eng. lang. (Lounsbury), study of words (Trench), Eng. lit., comp., elocution. Junior: Eng. lit., <i>Anglo-Saxon</i> (Sweet), <i>Shakespeare</i> , Milton. | Junior: German, <i>French</i> . Senior: <i>German, French</i> . | Junior: Mental philosophy (Porter), logic (Jevons-Hill), <i>metaphysics</i> . Senior: Moral phil. (Calderwood), evidences of Christianity, pract. ethics. | 60 |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|--------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 60 | Rutgers College, New Brunswick, N. J.—Continued. | B. S. in Civ. Eng. and Mech. | ..... | Freshman: Alg. (Wells), geom., trig., sur. (Murray). Sophomore: Descrip. geom. (Church), analyt. geom. Junior: Dif. and integ. calc., astron. Senior: Mechanics and hydromechanics (Bowser). |
| | | B. S. in Agr. and Chem. | ..... | Freshman: Same as in B. S. course in Civil Eng. and Mech. Junior: Astron. |
| 61 | College of New Jersey, Princeton, N. J. | A. B. | Freshman: Latin—Livy, Rom. hist. (Leighton), comp., Cic., Horace; Greek—Homer, Herod., Thucyd., Xen., gram., comp., hist. Sophomore: Latin—Cic., Rom. hist., Terence, Tac., Horace, Catullus; Greek—Demos., rhet. of Aristotle, comp., Eurip., Xen., Lucian, laws of phonetic change. Junior: Latin—Juvenal, Suetonius, Pliny, hist. of the Empire, Cic., Plautus; Greek—Aristophanes, comedy Plato, Lucrctius, Institutes of Justinian, philology. Greek—Soph., Aristotle, Plato, lit. and philology, Sanskrit, Perry's Primer. | Freshman: Alg. (Wells), geom. (Todhunter), trig. (Loomis). Sophomore: Analyt. trig., mens., nav., sur., sph. trig., analyt. geom., dif. calc. Junior: <i>Analyt. geom., dif. and integ. calc.</i> Senior: Astron. (Young), <i>pract. astron.</i> |
| | | B. S. in Gen. Sci. | ..... | Freshman: Alg., geom. (Chauvenet), mens., trig. Sophomore: Descrip. geom., analyt. geom., sur. Junior: Dif. and integ. calc., analyt. mech. Senior: Gen. astron., <i>pract. astron., stereotomy.</i> |
| | | B. S. in Chem. and Mineralogy. | ..... | Freshman and Sophomore: Same as in B. S. in Gen. Science. Junior: Dif. and integ. calc. Senior: Gen. astron. |
| | | B. S. in Biol. and Chem. | ..... | Same as in B. S. in Chem. and Mineralogy. |
| | | B. S. in Biol. and Geol. | ..... | Same as in B. S. in Chem. and Mineralogy. |
| 62 | Madison University, Hamilton, N. Y. | A. B. | Freshman: Latin—Livy, Tac., comp.; Greek—Homer, Xen. or Plato, Demos., New Testament. Sophomore: Latin—Horace, minor poets, Horace, Juvenal, Persius, Plautus, Terence; Greek—Tragedies, Aristophanes or Lucian. Junior: Latin—Horace, Cic., Pliny; Greek—Plato, Aristotle or Plutarch. Senior: Greek—I Plato. | Freshman: Geom., alg., trig., sur. (Wentworth). Sophomore: Sph. trig., analyt. geom., calc. Junior: <i>Descrip. geom., analyt. geom., calc., quaternions or determinants.</i> Senior: <i>Appl'd mech., astron.</i> |
| | | Greek Scientific. | Greek: Freshman—Same as in A. B. course; Sophomore—Tragedies, Aristophanes or Lucian; Junior and Senior—Same as in A. B. course. | Freshman: Same as in A. B. course. Sophomore: Sph. trig., analyt. geom., calc. Junior and Senior: Same as in A. B. course. |
| | | Latin Scientific. | Latin: Freshman—Same as in A. B. course; Sophomore—Horace, minor poets, Juvenal, Persius, Plautus, Terence; Junior—Same as in A. B. course. | Same as in Greek Scientific course. |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: Same as in A. B. course. Sophomore: Eng. lit. | Freshman: French—Gram. and reader (Keetel), classic authors. Junior: German—gram. (Whitney), Wackernagel's <i>Deutsches Lesbuch</i> , classic authors, Ger. lit. | Junior: Mental phil., logic. Senior: Moral phil., pract. ethics. | 60 |
| Same as in B. S. course in Civil Eng. and Mech. | Same as in B. S. course in Civil Eng. and Mech. | Same as in B. S. course in Civil Eng. and Mech. | 61 |
| Freshman: El. discourse (Hunt), Hist. of Eng. lang. (Lounsbury), study of words (Trench), essays, oratory. Sophomore: Hunt's Discourse Marsh's Origin and Hist. of the Eng. Lang., style; Junior: Chaucer, lectures, essays, <i>Anglo-Saxon</i> (March or Sweet), <i>Béowulf</i> (Harrison). Senior: Essays, oratory, <i>Shakespeare</i> . | Freshman: French—Gram. (Whitney), translation. Sophomore: French—Gram. prose of 19th century, syntax, George Sand, Lamartine, Corneille, Racine, Molière. Junior: German—Gram., reader, translation from Eng. into German, comp., Goethe; French—Syntax, Racine, Corneille. Senior: German—Lessing, Schiller, gram., Goethe, hist. and lit. of Ger. lang. | Junior: Psychology (McCosh), logic (McCosh), <i>philosophy of history</i> . Senior: Moral science (Calderwood), <i>metaphysics</i> , <i>physiological psychology</i> , <i>archæology</i> , <i>hist. of phil.</i> | |
| Freshman and sophomore: Same as in A. B. course. Junior: Chaucer, lectures, oratory. | Freshman: German—Huss' System of Oral Instruction. French—Delille's Condensed Instruction. Sophomore: German—Syntax. French—Syntax, exercises. Junior: German—Lessing, Schiller, Goethe. French—Racine, Molière, Corneille. Senior: German—Goethe. French—Victor Hugo, scientific prose. | Junior: Psychology. Senior: <i>Archæology</i> , <i>physiological psychology</i> . | |
| Same as in B. S. in Gen. Science. | Same as in B. S. in Gen. Science. | Junior: Psychology. | |
| Same as in B. S. in Gen. Science. | Same as in B. S. in Gen. Science. | Junior: Psychology. Senior: <i>Physiological psychology</i> . | |
| Same as in B. S. in Gen. Science. | Same as in B. S. in Gen. Science. | Same as in B. S. in Biol. and Chem. | |
| Freshman: Rhet. (Genung), oratory. Sophomore: English prose (Minto), oratory, Eng. fiction. Junior: Oratory, <i>Anglo-Saxon</i> , <i>English of 13th and 14th century</i> . Senior: Oratory, <i>Shakespeare</i> , <i>Wordsworth</i> , <i>Browning</i> . | Sophomore: French—Gram. (Otto), <i>Télémaque</i> (Fénélon), Corneille, Molière or Racine. Junior: German—Gram. and reader (Whitney), <i>Schiller</i> , <i>Lessing</i> , <i>Goethe</i> ; French— <i>Lit. of 18th century</i> . Senior: German— <i>Schiller</i> , <i>Goethe</i> ; French— <i>Modern plays</i> . | Junior: Formal and appl'd logic. Senior: Psychology, hist. of phil., evidences of Christianity, Christian ethics. | 62 |
| Same as in A. B. course..... | Same as in A. B. course..... | Same as in A. B. course. | |
| Same as in A. B. course..... | Freshman: German—Same as in Junior in A. B. course. Sophomore and Senior: Same as in A. B. course. | Junior: <i>Logic</i> . Senior: Same as in A. B. course. | |

TABLE 23.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|--------------------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 62 | Madison University, Hamilton, N. Y.—Continued. | Eng. Scientific. | ----- | Freshman and Sophomore: Same as in A. B. course. Junior: Descrip. geom., <i>analyt. geom.</i> , <i>calc.</i> , <i>quaternions</i> or <i>determinants</i> . Senior: <i>Applied mech.</i> , <i>astron.</i> |
| 63 | Cornell University, Ithaca, N. Y. | ----- | Greek—Gram., Xen., Lysias, Herod., Homer, comp., Demos., Plato, Soph., Eurip., Aristophanes, hist. of Greek lit., drama, Eschylus, Thucyd., Isocrates, Eschines against Ctesiphon, hist. of Greek phil., Aristotle, antiquities, philological seminary; Latin—Nepos, Cic., Livy, comp., Tac., Terence, Horace, hist. of Rome, hist. of Rom. lit., Plautus, Lucretius, Catullus, Pliny, Juvenal, Persius, hist. of the Romans (Merivale), Allen's remnants of early Latin, Greek and Roman art, Latin syntax. | Geom., alg., trig., conic sections, <i>analyt. geom.</i> , <i>descrip. geom.</i> , <i>diff. and integ. calc.</i> , <i>descrip. and phys. astron.</i> , teaching of math., math. essays and theses, <i>quantics</i> , <i>diff. equations</i> , theory of functions, <i>celestial mech.</i> , <i>finite differences</i> , rational dynamics, molecular dynamics, vector analysis, theory of probabilities and of distribution of errors, math. optics, math. theory of sound, elec. and magnetism. |
| 64 | College of the City of New York, New York, N. Y. | A. B. | First year: Latin—Gram., Leighton's lessons. Second year: Latin—Sallust, gram., comp., Cic.; Greek—Gram., White's first lessons, Xen. Third year: Latin—Virgil, gram., comp., Livy; Greek—Gram., comp., Xen., Plato. Fourth year: Latin—Horace, Tac., gram., comp., Cic.; Greek—Gram., comp., Demos., Homer. Fifth year: Latin—Rom. lit. (Crutwell), gram., prose, Plautus, Cic., Juvenal; Greek—Eschylus, Soph. or Eurip., Herod., Thucyd., Greek lit. (Jeavons); gram., Aristophanes. | First year: Geom. (Davies' Legendre), alg. (Wentworth). Second year: Alg. (Loomis), geom., <i>descrip. geom.</i> , plane trig. and mens. (Docharty, Crompton, Loomis). Third year: Sph. trig., sur., nav., <i>analyt. geom.</i> Fourth year: <i>Calc.</i> |
| | | B. S. | Fifth year: Latin—Gram., <i>Cæsar</i> , <i>Sallust</i> , <i>Leighton's lessons</i> , Cic., <i>Virgil</i> (elective with Spanish or German). | First, second, and third years: Same as in A. B. course. Fourth year: <i>Diff. and integ. calc.</i> Fifth year: <i>Mechanics</i> and <i>astron.</i> (Bartlett). |
| 65 | Columbia College, New York, N. Y. | A. B. | Freshman: Latin—Horace, Cic., comp., syntax, prosody; Greek—Homer, Herod., comp., prosody, Greek scanning; Sophomore: Latin—Horace, prosody, Livy, comp.; Greek—Eurip., comp., Xen. or Thucyd. Junior: Latin—Juvenal, comp., Cic., etymology; Greek—Soph., Theocritus or Theognis, Lysias or Isocrates, or Plato, or Hesiod, or Theogony. | Freshman: Geom. (Davies' Legendre), alg. Sophomore: plane, <i>analyt.</i> , and sph. trig., mens., sur. Junior: <i>Analyt. geom.</i> Senior: <i>Diff. calc.</i> (Peck), <i>astron.</i> (Peck), <i>pract. astron.</i> (Chauvenet), <i>nav.</i> , <i>integ. calc.</i> (Peck). |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Same as in A. B. course..... | Same as in Latin Scientific course. | Same as Latin Scientific course. | 62 |
| Rhet., comp., Eng. lit. from 14th cent. to present time, Minto's characteristics of Eng. poets and manual of Eng. prose lit., Eng. poetry, journalism, historical development of Eng. style, elocution (Mandeville), oratory, seminary in Eng. lit., Anglo-Saxon gram. and reading, lectures on Eng. lit. | German—Gram., Schiller, Lessing, Goethe, comp., hist. of German lit., mythology and life, drama and novel of the 19th century, Vicar of Wakefield, historical reading in German, lit. of the 16th century, middle high Ger.; French—Gram. (Whitney), tableaux de la révolution française, Luquien's French prose of popular science, Corneille, Romanisme française, drama of the romantic school, Dumas, Hugo, Copée, historical reading in French, Fr. philology; Italian—Gram. and reading; Spanish—Gram. and reading. | Psychology, logic, physiological psychology, hist. of phil., metaphysics, ethics, phil. of Kant, post-Kantian Ger. phil., the phil. and hist. of religion, pedagogics. | 63 |
| First year: Gram. (Brown), poetical selections, Abbott's How to Write Clearly. Second year: Synonyms (Graham), comp. Third year: Eng. lang. and lit. (Shaw), rhet. (Bain), comp., elocution. Fourth year: Eng. lang. and lit., poetry, elocution. Fifth year: Elocution. | Fifth year: French or German, or Spanish. | Third year: Logic (Jevons). Fifth year: Psychology (Janet), Porter's intellectual science, pedagogics, hist. of phil., ethics (Elmendorf, Janet, Ueberweg). | 64 |
| Same as in A. B. course..... | First year: French—Vannier, gram. (Robertson), Roemer's Cours de Lecture. Second year: French—Roemer's Cours de Lecture, gram., reader; German—Eysenbach's gram. or Spanish, Ollendorff, Morales' reader, Butler's Phrases; Iriarte's Fables. Third year: French—Roemer's Cours de Lecture, gram., Sadler's Versions, French Idioms, Ger. gram., reader (Whitney) or Spanish Fables, Ollendorff, Polyglot Readers. Fourth year: German—Gram., reader (Pütz), or Spanish Moratin, Don Quixote, Polyglot Reader (Roemer), Morales' Reader. Fifth year: German—Gram., reader, or Spanish gram., phrases, fables, reader (elective with Latin). | Same as in A. B. course. | |
| Freshman: Gram. and analysis, poets and prose writers of present time, rhet., comp., hist. of Eng. lit., Addison, Thackeray. Sophomore: Historical Eng. gram., hist. of Eng. lang., poetry of Shakespeare, rhet., comp., hist. of Eng. lit. Junior: Anglo-Saxon gram., hist. of lit., prose of Bacon, poetry of Milton and Spenser, rhet., comp. | Freshman and Sophomore: One modern language. Junior and Senior: Elective. | Junior: Logic (Jevons), psychology (Murray). Senior: Psychology, hist. of phil., philosophical essays. | 65 |

TABLE 23.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|--------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 65 | Columbia College, New York, N. Y. —Continued. | | Senior: Latin—Plautus, Archaic Latin, comparative philology. Cic., Latin lit.; Greek—Æschylus or Pindar, Æschines or Demos., or Aristotle, or Plato, hist. of Greek lit., comparative philology, <i>Sanskrit</i> . | |
| | | Min. Eng. | ..... | First year: Trig. and mens. (Davies' Legendre), conic sections (Peck), alg. (Peck), graphical alg. (Phillips and Beebe), descrip. geom. (Church). Second year: Analyt. geom. (Peck), dif. and integ. calc. (Peck), sur. Fourth year: Sur. |
| | | Civ. Eng. | ..... | First and second years: Same as in Min. Eng. Third year: Pract. astron., geodesy. Fourth year: Sur. |
| | | Metallurgy | ..... | First, second, and third years: Same as in Min. Eng. |
| | | Geology and Paleontology. | ..... | First year: Same as in Min. Eng. Second year: Sur. Fourth year: Sur. |
| | | Chemistry | ..... | First year: Same as in Min. Eng. |
| | | Architecture. | ..... | First year: Same as in Min. Eng. Second year: Graphical geom., descrip. geom. |
| | | Sanitary Eng. | ..... | Same as in course in metallurgy. |
| 66 | University of the City of New York, New York, N. Y. | A. B. | Freshman: Latin—Ovid, Horace, Cic., comp.; Greek—Herod., Homer, Xen., Plato, comp. Sophomore: Latin—Horace, Cic., Tac., Terence, Juvenal, Persius; Greek—Demos., Greek archaeology, Eurip., Isocrates, Greek lit. Junior: Latin—Lucretius, Plautus; Greek—Sophocles, Plutarch. Senior: Latin—Catullus, elegiac poets, Cic.; Greek—Plato, New Testament, Greek lit. | Freshman: Alg. (Wells), solid geom. (Byerly's Chauvenet), plane trig. (Oliver, Wait, and Jones). Sophomore: Sph. trig., conic sections (Smith). Senior: Astron. |
| | | B. S. .... | ..... | Freshman: Same as in A. B. course. Sophomore: Sph. trig., conic sections. Junior: Dif. and integ. calc. (Peck). Senior: Astron. |
| 67 | Vassar College, Poughkeepsie, N. Y. | A. B. | Freshman: Latin—Livy, comp., Horace; Greek—Lysias, Herod., comp., Homer, Homeric antiquities, Xen. Sophomore: Latin—Cic., Horace, comp.; Greek—Demos., Attic orators, Plato, Aristophanes, Xen., comp. Junior: Latin—Tac., Plautus or Terence, Juvenal, hist. of Roman comedy and satire; Greek—Thucyd., hist. of Greek prose, Sophocles, Æschylus, drama, Eurip., Isocrates or gram., Xen., Homer. Senior: Latin—Cic., Rom. lit., Lucretius, comp.; Greek—Lyric poets, Pindar, poetry, Sophocles, Plato, Aristotle. | Freshman: Geom. (Chanvet), alg., trig. Sophomore: Trig., sur., nav., analyt. geom., hist. of math., popular astron. Junior: Astron. (Godfray), dif. and integ. calc. Senior: Sph. astron., pract. astron., dif. equations and elements of finite differences, quaternions. |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|
| <p>Senior: Anglo-Saxon Reader, historical gram. of Anglo-Saxon and Eng. languages, language and poetry of Chaucer, rhet., comp., <i>comparative literature</i>.</p> | | | 65 |
| <p>Freshman: Eng. lit. (Minto). Sophomore: Morley's English Writers, Stopford Brooke's Primer, rhet., style, <i>Eng. lit., poetry</i>. Senior: Old English, gram., and lit., Shakspeare.</p> | <p>Junior: German—Otto's method, translations into Ger. Senior: French—Langue'llier's method and translations into French (elective with Latin and Greek).</p> | <p>Junior: Porter's Elements, pure and applied logic (Thomson). Senior: Theoretical and applied ethics (Calderwood), natural theology.</p> | 66 |
| <p>Freshman: Eng. lit. Sophomore: Morley's English Writers, Stopford Brooke's Primer, rhet., style. Junior: Edmund Burke. Senior: <i>Old English, gram., and lit., Shakspeare</i>.</p> | <p>Freshman: French—Langue'llier's method, translations. Sophomore: German—Same as in Junior in A. B. course; French—Translations, Contes Contemporains. Junior: German—<i>Play and novelette</i>.</p> | <p>Same as in A. B. course.</p> | |
| <p>Freshman: Rhet., Eng. lit., elocution. Sophomore: Rhet., Eng. lit., <i>elocution</i>. Junior: <i>Rhet., Chaucer, elocution</i>. Senior: Anglo-Saxon Reader (Sweet), <i>English philology, Shakspeare, elocution</i>.</p> | <p>Freshman: German—Schiller, comp., poems (Simonson's Deutsches Balladen-Buch); French—Syntax, prose, comp., Mariette, Demogeot, Crane. Sophomore: German—Lessing, Goethe, hist. of Ger. lit., comp.; French—Demogeot, classical drama. Junior: German—<i>Goethe, Ger. lit., Heine or Fischer Ahn, Henn-Ahn, Grimm, Benedix, Zschokke, Hillern, Storm</i>; French—<i>Fr. lit. of 14th and 19th centuries by Paul Albert or Paul Bercy, Hennequin</i>. Senior: German—<i>Essays, Goethe</i>; French—<i>Crane and Brun, Aubertin, essays</i>.</p> | <p>Senior; Psychology (Murray), hist. of phil., moral phil. (Robinson.)</p> | 67 |

TABLE 23.—*Courses of study in colleges*

NOTE—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|-----------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 68 | University of Rochester, Rochester, N. Y. | A. B. | Freshman: Latin—Livy, syntax, comp., Rom. hist. (Leighton), Terence, Plautus or Cic., etymology; Greek—Lysias, Attic law, syntax, comp., historians, Greek hist., ethnology, mythology, and politics, lyric poets, etymology. Sophomore: Latin—Horace, hist. of Rom. Empire, Latin lit., Tac. or Pliny, Juvenal, Rom. archæology; Greek—Demos., Greek hist. and lit. Junior: Latin— <i>Seneca, Rom. philosophy</i> ; Greek— <i>Plato, hist. of Greek lit.</i> | Freshman: Alg. (Wells), geom. (Wentworth), trig. (Wentworth). Sophomore: Sur. and nav. (Wentworth), analyt. geom. (Bowser), calc. (Taylor). Junior: Astron. (Loomis). |
| | | B. S. | Latin—Same as in A. B. course. | Freshman: Same as in A. B. course. Sophomore: Sur., nav., analyt. geom., calc., loci in space and higher plane curves. Junior: Astron. |
| 69 | Union University, Schenectady, N. Y. | A. B. | Freshman: Latin—Livy, Cic., comp.; Greek—Xen., Homer, Herod., or Eurip., comp. Sophomore: Latin—Horace, Tac., Terence, comp. Greek—Eurip. or Æschylus, Eurip., Soph. or Plato, comp. Junior and Senior: <i>Greek, Latin.</i> | Freshman: Alg., geom., trig., analyt. geom. Sophomore: Analyt. geom. Senior: Astron., <i>higher math.</i> |
| | | B. S. | Junior and Senior: Same as in A. B. course. | Freshman: Same as in A. B. course. Sophomore: Analyt. geom., calc. Senior: Same as in A. B. course. |
| | | C. E. | | Freshman: Same as in A. B. course and sur. Sophomore: Same as in B. S. course and descrip. geom. and sur. Junior: Advanced calc., appl'd mech. Senior: Astron. |
| 70 | Syracuse University, Syracuse, N. Y. | A. B. | Freshman: Latin—Cic., comp., Rom. hist. (Mervale), Livy, Juvenal; Greek—Homer, Gram., Demos., comp. (Arnold). Sophomore: Latin—Horace, Rom. hist., comp., prosody; Greek—Plato, comp., moods and tenses (Goodwin), tragedy. Junior: Latin—Cic., Tac., Lucretius, Quintilian, Horace, Plautus, Terence, Catullus, Propertius, Latin lit; Greek— <i>Comedy.</i> Senior: <i>Greek lit., Roman lit., Greek tragedy.</i> | Freshman: Alg. and geom. (Wentworth). Sophomore: Trig. (Wentworth), analyt. geom. (Bowser), calc. (Bowser), <i>sur.</i> Junior: Astron. |
| | | Ph. B. | Latin—Same as in A. B. course. | Freshman and Sophomore: Same as in A. B. course. Junior: Calc., astron. |
| | | B. S. | | Freshman: Same as in A. B. course. Sophomore: Trig., analyt. geom., calc., sur. Junior: Calc., astron. |
| | | C. E. | | Freshman and Sophomore: Same as in A. B. course. Junior: Calc., astron., descrip. geom., geodesy. |
| 71 | Rensselaer Polytechnic Institute, Troy, N. Y. | C. E. | | First year: Alg. (Wells), geom. (Wentworth), trig. (Wood), descrip. geom. (Warren), geodesy (Gillespie). Second year: Higher alg., analyt. geom., descrip. geom., geodesy. Third year: Dif. and integ. Calc., descrip. astron., geodesy. Fourth year: Sph. and pract. astron., geodesy. |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: Elocution, Eng. lang. and its early lit. (Gilmore). Sophomore: Chaucer, comp., lect. on Eng. lit., Milton. Junior: Eng. lit., rhet. (Gilmore), comp., oratory, comp. philology. Senior: Oratory. | Sophomore: French—Gram. (Keetel), la littérature française classique, Manual of French Poetry (Mixer), drama; German—Gram. and reader, drama. Junior: German— <i>Rosenstengel's Reader of Ger. Lit.</i> , drama, lectures on Fr. and Ger. lit. | Junior: Outlines of Logic (Gilmore). Senior: Intellectual phil., psychology, moral phil., hist. of phil. (Schwegler). | 68 |
| Freshman: Elocution, Eng. lang. and its early lit., art of expression (Gilmore). Sophomore, Junior, and Senior: Same as in A. B. course. | Same as in A. B. course and Sophomore advanced French and Junior advanced German. | Same as in A. B. course. | |
| Freshman: Study of words, Past and Present (Trench), rhet. (Bain), comp. Sophomore: Chaucer and the early poets, Shakspeare and the dramatists, prose writers, comp., oratory. Senior: Comp., oratory, <i>philology, Anglo-Saxon</i> . | Sophomore: French. Junior: German—Gram., reader, tragedy. Senior: Elective. | Junior: Logic (Jevons). Senior: Psychology (Baldwin), ethics (Hickok), hist. of phil. (Schwegler). | 69 |
| Freshman and Sophomore: Same as in A. B. course. Junior: Same as in A. B. course, and style. Senior: Same as in A. B. course. | Freshman: French—Gram., reader. Sophomore: French—Fr. lit.; German—Gram., lit. Junior: German—Tragedy. Senior: Same as in A. B. course. | Same as in A. B. course. | |
| Freshman and Sophomore: Same as in A. B. course. Junior and Senior: Comp., oratory. | Freshman: Same as in A. B. course. Sophomore: Fr. lit. Junior: Ger. gram. and lit. Senior: German. | | |
| Freshman: Welch's Eng. Lit. and Lang. vol. 1, elocution, criticism. Sophomore: Eng. critic sm, elocution. Junior: Elocution, <i>Anglo-Saxon, comp., philology</i> . Senior: Eng. lit., rhet. | Sophomore: German. Junior: French, <i>German</i> . Senior: <i>French lit. or Italian, Ger. lit., Italian renaissance</i> . | Junior: Logic (Bowen), psychology (Porter). Senior: Moral phil. (Calderwood), hist. of phil. (Mahan), evidences of Christianity (Hopkins), <i>ethics</i> . | 70 |
| Same as in A. B. course | Freshman and Sophomore: German. Junior: French. Senior: Same as in A. B. course. | Same as in A. B. course. | |
| Same as in A. B. course | Freshman and Sophomore: German. Junior: French, <i>Ger. lit.</i> Senior: <i>French lit. or Italian, Italian renaissance</i> . | Same as in A. B. course. | |
| Freshman and Sophomore: Same as in A. B. course. Junior: <i>Elocution, Anglo-Saxon</i> . Senior: Same as in A. B. course. | Same as in B. S. course | Junior: <i>Logic, psychology</i> . Senior: <i>Moral phil., hist. of phil., evidences of Christianity, ethics</i> . | 71 |
| First year: Hart's Eng. Comp. and Rhet. Second year: Comp., el. of criticism. | First year: Fasquelle's French gram. Second year: French gram. and translation. | | |

TABLE 23.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|----------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 71 | Rensselaer Polytechnic Institute, Troy, N. Y.—Continued. | B. S. .... | ..... | First and second years: Same as in C. E. course. Third year: Calc., descrip. astronomy. |
| 72 | University of North Carolina, Chapel Hill, N. C. | A. B. | Freshman: Latin—Cic., Livy, comp., gram., Rom. hist., geog., and antiquities; Greek—Lucian, gram., comp., Homer, Herod. or Plutarch, hist. of Greece. Sophomore: Latin—Horace, Tac., Terence, comp., gram., Rom. antiquities, law, lit., comp., philology; Greek—Demos., Thucyd., Eurip. or Sophocles, Aristophanes, comp., Greek hist., lit. and antiquities. Junior and Senior: Latin—Pliny, Juvenal, comp., Cic., Ovid, Sallust, Virgil; Greek—Plato, Plutarch, Pindar, Eschylus, Homer, Modern Greek. | First year: Alg., geom. (Wentworth or Chauvenet). Second year: Trig. (Newcomb), analyt. geom. (Smith's Conic Sections). Third and fourth years: <i>Solid geom.</i> (Smith), <i>dif. and integ. calc.</i> (Williamson), <i>sur. astron.</i> |
| | | Ph. B. | Latin or Greek—Same as in A. B. course. | Same as in A. B. course and Fourth year Astron. |
| | | B. S. | Freshman and Sophomore; <i>Latin.</i> | Same as in Ph. B. course. |
| 73 | Trinity College, Trinity College, N. C. | A. B. | Freshman: Latin—Cic., Livy; Greek—Xen., Herod. Sophomore: Latin—Horace, Terence; Greek—Homer, Sophocles. | Freshman: Alg., geom. (Wentworth). Sophomore: Trig. and analyt. geom. (Wentworth). Senior: Astron. (Newcomb and Holden). Junior and Senior: Elective. |
| | | B. S. .... | ..... | Freshman and Sophomore; Same as in A. B. course. Junior: Calc. (Bowers). Senior: Astron., math. astron. (Loomis), applied mech. (Cottrill or Burr). |
| | | Ph. B. | Latin or Greek—As in A. B. course. | Same as in A. B. course. |
| | | B. S. | Same as in Ph. B. course. | Same as in A. B. course. |
| 74 | Ohio State University, Columbus, Ohio. | A. B. | Freshman: Latin—Livy, comp., Horace, Cic.; Greek—Gram., White's First Lessons, Xen. Sophomore: Latin—Pliny, Tac., Juvenal and Persius; Greek—Xen., comp., Herod., Homer; Greek lit. Junior: Latin—Cic., Tibullus, Propertius, Lat. lit.; Greek—Thucyd., Plato, Demos.; Greek lit. Senior: <i>Latin</i> : Greek—Homer, Pindar, Oedipus Tyrannus, Greek etymology, <i>lect. on Greek art.</i> | Freshman: <i>Alg.</i> (Wentworth's), <i>Analyt. geom.</i> (Bowser). |
| | | Ph. B. | Latin—Same as in A. B. course. | Same as in A. B. course. |
| | | B. S. .... | ..... | Freshman: Trig. (Wells), alg., analyt. geom. Sophomore: <i>Analyt. geom., calc.</i> Junior: <i>Higher math.</i> Senior: Astron. (Newcomb and Holden). |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Same as in C. E. course..... | First and second years: Same as in C. E. course. Third year: French. Fourth year: French or German. | | 71 |
| First year: Gram. (Bain), rhet. (Genung), 19th cent. lit., Milton's Scott's poems, Byron, Scott, Shakspeare. Second year: Historical grammar (Morris), the Eng. of Shakspeare, 18th cent. lit. Third year: Art of poetics (Gummere), longer Eng. poems (Hale), Shakspeare. Fourth year: Eng. lit., orations, essays, <i>Anglo-Saxon</i> . | Third and fourth years: Elective. | Third year: Logic (Tigert), psychology (Janet). Fourth year: Psychology, moral phil. (Porter), Christian evidences (Wright), <i>hist. of phil.</i> (Haven), <i>Natural theology</i> (Valentine). | 72 |
| Same as in A. B. course | First and second years: French or German. Third and fourth years: Elective. | Same as in A. B. course. | |
| First, second, and third years: Same as in A. B. course. Fourth year: <i>Eng. lit., essays, orations</i> . | First and second years: <i>French or German</i> (elective with Latin). Third and fourth years: <i>French, German</i> . | Third and fourth years: <i>Psychology, moral phil., logic</i> . | |
| Freshman: Anal., Eng. lit. Sophomore: Rhet. (Genung). | | Junior: Psychology (Dewey), ethics (Porter). Senior: Logic (Jevons), <i>hist. of phil.</i> (Schwegler), theism (Fisher). | 73 |
| Same as in A. B. course | Freshman and Sophomore: French. Junior and Senior: German. | Same as in A. B. course. | |
| Same as in A. B. course | Freshman and Sophomore: French. Junior and Senior: German. | Same as in A. B. course. | |
| Freshman and Sophomore: Same as in A. B. course. Junior: Old Eng. Gram. and reader, lit., essays. Senior: Middle Eng., <i>hist. of Eng. Lang., lit., essays</i> . | Same as in B. S. course..... | Same as in A. B. course. | |
| Freshman: Rhet. (Welsh). Sophomore: Anglo-Saxon gram. and reader (March), rhetorical, development of English lang. and lit. (Welsh). Junior: Rhetoricals, <i>Welsh's masterpieces of Eng. lit.</i> | Sophomore: German — <i>Gram.</i> (Brandt). Junior and Senior: <i>German, French</i> . | Junior: Psychology (Sully), ethics. Senior: Logic, <i>hist. of phil., lectures on recent phil.</i> | 74 |
| Same as in A. B. course..... | Freshman: French — Gram., classics (Mason). Sophomore: French—Comp., drama, modern French prose, Fr. lit.; German— <i>Gram.</i> Junior and Senior: <i>German, French</i> . | Same as in A. B. course. | |
| Freshman: Rhet. Sophomore: <i>Development of Eng. lang. and lit.</i> Junior: Rhetoricals. | Freshman and Sophomore: French or German, <i>German</i> . Junior and Senior: <i>French, German</i> . | Junior: Same as in A. B. course. Senior: Elective. | |

TABLE 28.—Courses of study in colleges

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|--------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 74 | Ohio State University, Columbus, Ohio—Continued. | B. Agr..... | ..... | Freshman: Alg. Sophomore: Alg., geom., trig. |
| | | C. E..... | ..... | Freshman: Same as in B. S. course. Sophomore: Analyt. geom., sur., calc., descrip. geom. Junior: Analyt. mechanics (Bowser), astron., geodesy, sur. |
| | | M. E..... | ..... | Freshman: Same as in B. S. course. Sophomore: Analyt. geom., calc., descrip. geom. Junior: Analyt. mech., astron., geodesy. |
| | | E. M..... | ..... | Freshman and Sophomore: Same as in M. E. course. Junior: Analyt. mech. |
| 75 | Ohio Wesleyan University, Delaware, Ohio. | A. B..... | Freshman: Latin— <i> Livy, comp. (Arnold), Horace; Greek—Homer, comp., Testament, Xen. Sophomore: Latin—Cic., Horace, comp., Latin poets, comp., Plautus; Greek—Herod., comp., Testament, Thucyd., comp., Testament, Plato. Junior: Latin—Tac., Cic., philosophical and rhetorical works, Quintilian; Greek—Demos., New Testament, Christian writers, New Testament; Drama. Senior: Latin—Pliny; Greek—New Testament.</i> | Freshman: Geom. (Wentworth), alg. (Olney). Sophomore: Trig., gen. geom., mens., sur. Junior: Sur. Senior: Astron., dif. and integ. calc. |
| | | B. S..... | Freshman: Latin— <i> Livy, comp., Horace. Sophomore: Cic., comp., Horace, Plautus. Junior: Tac., Quintilian, Cic., philosophical and rhetorical works.</i> | Freshman: Same as in A. B. course. Sophomore: Trig., gen. geom., mens., sur. Senior: Astron., dif. and integ. calc. |
| | | B. L..... | Freshman: Latin— <i> Cæsar, prose comp., Sallust, Greek. Sophomore: Latin—Virgil, comp., Cic.; Greek—Xen., gram. Junior: Latin—Livy, comp., Horace; Greek—Homer, gram., New Testament, Xen., comp. Senior: Latin—Cic., Horace, Plautus.</i> | Freshman: Alg., bookkeeping. Sophomore: Geom. Junior: Trig., astron., gen. geom. |
| 76 | Marietta College, Marietta, Ohio. | A. B..... | Freshman: Latin— <i> Livy, gram., Rom. hist., comp., Nepos, Cic., Rom. antiquities, word formation, Horace, Latin synonyms, Rom. lit., written translations; Greek—Lysias, syntax, comp., hist., Herod., Grote, Homer. Sophomore: Latin—Plautus, hist. of Rom. comedy, Horace; Greek—Thucyd., Eurip., mythology, Plato or Demos., hist. of Greek lit. Junibr: Latin—Horace, Tac., Pliny, Lucretius or Seneca, Quintilian or Cic.; Greek—Eurip., Soph., Aristophanes, Plato, lyric poets, archæology, Demos. Senior: Latin—Tac. or Cic., Lucretius or Latin hymns, Greek dramatic lit., Plato, hist. of Greek phil., Pindar, archæology.</i> | Freshman: Geom. (Newcomb), alg. (Newcomb), trig. Sophomore: Sph. trig., mechanics, astron. (Young). Junior and Senior: <i> Determinants and theory of equations, analyt. geom. and calc., dif. equations.</i> |
| | | Ph. B..... | Latin—Same as in A. B. course. | Same as in A. B. course, and mens. (Halstead) in Sophomore. |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|----|
| Sophomore: Welsh's Essentials of English. Junior: Rhet. | Junior: French or German. Senior: <i>German, French.</i> | Senior: <i>Psychology, ethics...</i> | 74 |
| Freshman: Rhet. Sophomore: Rhetoricals. Junior: Rhetoricals. | Freshman and Sophomore: French. | | |
| Same as in C. E. course..... | Same as in C. E. course. | | |
| Same as in C. E. course..... | Freshman: French. | | |
| Freshman: Gram. (Williams), Abbott's How to Write Clearly, study of noted speeches. Sophomore: Eng. prose (Minto), study of masterpieces. Junior: Rhet. Senior: Eng. lit., elocution. | Sophomore: German— <i>Gram., reading</i> ; French— <i>Gram., reading</i> ; Hebrew— <i>Gram., selections</i> . Junior: German— <i>Schiller, Lessing, Goethe</i> ; French— <i>Racine, reading, Victor Hugo</i> ; Hebrew— <i>Hist., books, poetical books, prophets.</i> | Junior: Mental phil., moral phil., nat. theology. Senior: Evidences of Christianity, Butler's Analogy, logic, hist. of phil. | 75 |
| Same as in A. B. course..... | German and French: Same as in A. B. course. | Same as in A. B. course. | |
| Freshman: <i>Eng., elocution</i> , study of noted speeches. Sophomore: Abbott's How to Write Clearly, study of noted speeches, <i>elocution</i> . Junior: Rhet., Eng. lang., Amer. lit., <i>elocution</i> . Senior: Eng. lit. | Freshman and Sophomore: <i>German, French</i> . Junior: German— <i>Schiller, Lessing, Goethe</i> . Senior: Elective. | Junior: Same as in A. B. course. Senior: Evidences of Christianity, <i>Butler's Analogy</i> , logic, hist. of phil. | |
| Freshman: Comp., elocution, Eng. lang. (Meiklejohn), Amer. prose lit. Sophomore: Applied rhet. (Minto), Eng. prose lit. of 19th cent., comp., elocution, Eng. lit. (Meiklejohn), Chaucer. Junior: Rhet. (Whately), Shakespeare, comp., orations, Eng. lit. (Taine), Milton, the Essay and the Novel, the Lake School. Senior: Rhet., orations, <i>philology</i> (Whitney). | Sophomore: German—Gram. (Whitney), Grimm's Märchen, die eis jungfrau (Andersen, Ger. prose, sight reading. Junior: French— <i>Gram., un philosophe sous les Toits</i> (Souvestre), <i>selections from the dramatists and novelists</i> . Senior: <i>Hebrew</i> (Harper). | Freshman: El. logic. Junior: Evidences of Christianity (Peabody). Senior: Psychology (Porter), moral phil., pedagogics. | 76 |
| Same as in A. B. course..... | Freshman: German—Goethe, Heine, Lessing, Storm, Schiller. Sophomore: Hist. of Ger. lang. Junior and Senior: Same as in A. B. course. | Same as in A. B. course. | |

TABLE 28.—*Courses of study in colleges*

NOTE—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|----------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 77 | Oberlin College, Oberlin, Ohio. | A. B. | Freshman: Latin—Livy, <i>Nepos</i> . Rom. hist., Horace; Greek—Xen., comp., lyric poets. Eurip., Greek hist. and lit. Sophomore, Junior and Senior: Latin, Greek. | Freshman: Trig. (Wells), analyt. geom. (Hardy). Sophomore: Sur. (Bellows and Hodgman), alg. (Oliver, Wait, and Jones). Junior: Calc. (Taylor), astron. (Newcomb and Holden). |
| | | Ph. B. | Latin—Freshman: Virgil, Cic. Sophomore: Livy, <i>Horace</i> , Rom. hist. Junior and Senior: Elective. | Freshman: Solid geom. (Wells), alg., trig. Sophomore: <i>Conic sections and mechanics</i> . Junior: Astron. |
| 78 | Western University of Pennsylvania, Allegheny, Pa. | A. B. | Freshman: Latin—Livy, Cic., comp., Rom. antiquities; Greek—Herod., Homer, mythology. Sophomore: Latin—Horace, mythology; Greek—Lysias, hist., the Medea or the Prometheus; Greek drama. Junior: Latin—Terence, Tac., Juvenal, Lat. lit., ancient geog.; Greek—Plato, the De Corona. | Freshman: Alg. (Bowser), trig., geom. (Wentworth). Sophomore: Sur., sph. trig., gen. geom., calc. Junior: Calc. Senior: Astron. |
| | | Ph. B. | Freshman: Latin (elective with French). | Freshman and Sophomore: Same as in A. B. course. Junior: Calc., descrip. geom. Senior: Astron. |
| 79 | Pennsylvania Military Academy, Chester, Pa. | C. E. | Latin—First year: <i>Gram. and reader</i> . Second year: <i>Cæsar</i> , <i>Virgil</i> . Third year: <i>Sallust</i> , <i>Cic.</i> | First year: Alg. (Davies' Bourdon), geom. (Davies' Legendre). Second year: geom., trig. (Wells), analyt. geom. (Bowser), descrip. geom. Third year: Sur. (Gillespie - Staley), calc. (Bowser). Fourth year: Analyt. mech. (Peck), astron. (Loomis, Proctor), hydromechanics (Bowser). |
| | | B. S. | Same as in C. E. course | First and second years: Same as in C. E. course. Third year: Calc. Fourth year: Analyt. mech., astron. |
| | | Arch. | Same as in C. E. course | First, second, and third years: Same as in C. E. course. Fourth year: Astron. |
| | | A. B. | First year: Latin—Livy, Horace, comp., Rom. hist.; Greek—Xen., Homer, comp., hist. Second year: Latin—Terence, Cic.; Greek—Homer, Herod., Testament. Third year: Latin—Tac., Juvenal, Cic.; Greek—Demos., Soph. Fourth year: Greek—Thucyd. | First year: Same as in C. E. course. Second year: Geom., trig., analyt. geom. Third and fourth years: Same as in B. S. course. |
| 80 | Lafayette College, Easton, Pa. | A. B. | Freshman: Latin—Livy, prose, Horace, Rom. antiquities, classical geog.; Greek—Xen., Herod., Greek antiquities, Homer, prose. Sophomore: Latin—Cic., Latin hymns (March); Greek—Homer, Testament, Plato, traged. Junior: Latin—Cic., Tac.; Greek—Demos., hist., Testament, Romans, Athenagoras. Senior: Latin— <i>Juvenal</i> , <i>Persius</i> , <i>Lactantius</i> ; Greek. | Freshman: Alg. (Wells), geom. (Wentworth). Sophomore: Mens., trig., conic sections (Coffin), calc., sur., analyt. geom. Junior: Mechanics. Senior: Astron. |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Sophomore: Rhet. (Genung) <i>elocution</i> . Junior: Hist. of Eng. lit., Chaucer, Spenser, Shakespeare, Milton, 19th cent. authors. Senior: <i>Historical gram. of Eng. lang.</i> | Sophomore: French— <i>Gram.</i> (Whitney), <i>Madame Therese, La Morte, L'Avare, Cinna, Picciola</i> ; Hebrew— <i>Elements</i> (Harper), <i>historical Hebrew</i> . Junior: German— <i>Gram., prose, comp., 19th century Ger.</i> Senior: German—18th century <i>Ger., hist. of Ger. lit.</i> | Junior: Logic (Jevons), <i>Evidences of Christianity</i> (Peabody). Senior: Psychology (Porter), <i>modern phil.</i> (Bowen), <i>ethics</i> (Fairchild). | 77 |
| Same as in A. B. course | Freshman: French— <i>Gram., un Philosophe sous les toits</i> ; German— <i>Prose, comp., gram.</i> Sophomore: French— <i>Comp., Cinna, Athalie, le Misanthrope</i> ; German—19th cent. <i>Ger., comp., gram.</i> Junior: French— <i>Classic prose, drama and poetry</i> ; German—18th. cent. <i>Ger., hist. of Ger. lit.</i> | Same as in A. B. course. | |
| Freshman: Eng. lit., rhet. Sophomore: Rhet. exercises, Eng. lit. Junior: Rhet., Eng. lit. Senior: Eng. lit. | Sophomore: French or German. | Junior: Logic. Senior: <i>Evidences of Christianity, mental science</i> (Porter), <i>moral science.</i> | 78 |
| Same as in A. B. course | Freshman: French (elective with Latin). Sophomore and Junior: German. | Same as in A. B. course. | |
| First year: Comp., Eng. syntax. Second year: Rhet. (Hill), comp. Third year: Studies in Eng. lit. (Swin-ton), comp. Fourth year: Comp. | First, second, and third years: <i>French or German</i> (elective with Latin). ₁ | ..... | 79 |
| Same as in C. E. course..... | Same as in C. E. course. | | |
| Same as in C. E. course..... | Same as in C. E. course. | | |
| Same as in C. E. course. .... | ..... | Third year: Logic (Jevons). Fourth year: <i>Mental phil.</i> (Haven), <i>moral phil.</i> (Haven), <i>science and religion.</i> | |
| Freshman: Comp., <i>elocution</i> . Sophomore: Study of words (Trench), Testament, rhet., comp., <i>elocution</i> . Junior: Milton, Anglo-Saxon (March); Shakespeare, comp., <i>elocution</i> . Senior: Rhet., Eng. lit., comp., <i>philology, comp., elocution.</i> | Sophomore: French. Junior: German, <i>Spanish or Italian</i> (optional). Senior: <i>French or German, Hebrew.</i> | Senior: <i>Mental phil.</i> (Haven), <i>logic, ethics, evidences of Christianity, Butler's Analogy.</i> | 80 |

TABLE 23.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|-----------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 80 | Lafayette College, Easton, Pa.—Continued. | Ph. E. | Latin—Same as in A. B. course. | Same as in A. B. course |
| | | B. S. | | Same as in A. B. course |
| | | B. S. in Chem. | | Freshman, Sophomore, and Junior: Same as in A. B. course. |
| | | C. E. | | Freshman: Alg. geom., sur., trig., mens. Sophomore: Analyt. geom., sur., dif. calc., descrip. geom. Junior: Mech., sur., descrip. geom., integ. calc., analyt. and applied mech. Senior: Astron. |
| | | Min. Eng. | | Freshman, Sophomore, and Junior: Same as in C. E. course. |
| | | Elec. Eng. | | Freshman, Sophomore, and Junior: Same as in C. E. course. Senior: Astron., least squares, dif. equations, calc. of variations. |
| 81 | Haverford College, Haverford College, Pa. | A. B. | Freshman: Latin—Livy, Horace, gram., Cic., comp.; Greek—Demos., Herod., Homer, prose comp. Sophomore: Latin—Tac., Latin poets, Cic., Nepos., comp. ¹ Greek—Homer, Plato, Æschylus, Aristophanes, comp., Testament. Junior: Latin—Cic., Pliny, Virgil, Terence, extemporalia; Greek—Thucyd., Soph., Eurip., Testament. Senior: Latin—Plautus, Juvenal, Horace, Lucretius, comp., hist. of lit. of Greece and Rome; Greek—Demos., pastoral and lyric poets, comp., etymology. | Freshman: Geom. (Sharpless), alg. (Wells). Sophomore: Trig. (Wentworth), sur., analyt. geom. (Peck). Junior: Analyt. geom. and calc., descrip. astron., descrip. geom. Senior: Analyt. mech., astron. (Loomis), analyt. geom. and calc. |
| | | B. S. | Freshman: Latin—Same as in A. B. course. Sophomore: Latin. Greek. Junior: Latin—Cic., Pliny, poetry, Greek gram., Xen., Testament, Homer. Senior: Greek, Latin. | Freshman: Geom., alg., trig. Sophomore: Trig., sur., analyt. geom. Junior: Dif. and integ. calc., descrip. astron. Senior: Analyt. mech., astron. |
| | | Eng. | Freshman: Latin—Same as in A. B. course. | Freshman: Same as in B. S. course. Sophomore: Alg., analyt. geom., calc., sur. Junior: Analyt. mech., astron. Senior: Mech. of hydraulics, prac. astron. |
| 82 | Franklin and Marshall College, Lancaster, Pa. | A. B. | Freshman: Latin—Livy, prose comp., Horace; Greek—Herod., prose comp., Homer. Sophomore: Latin—Horace, Juvenal; Greek—Homer, Plato, Demos. Junior: Latin—Cic., Terence; Greek—Æschylus. Sophomore: Aristophanes. Senior: Latin—Tac.; Greek—Aristophanes, Theocritus. | Freshman: Alg. (Wells), geom. (Wentworth), plane trig. (Wells). Sophomore: Sph. trig. (Wells), analyt. geom. (Wentworth), sur., nav. Junior: Calc. (Taylor). Senior: Gen. astron. (Young), prac. astron. |

¹By those presenting Greek for admission.

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: English (March), comp., elocution, Testament. Sophomore: Study of words, rhet., Bunyan, Spenser, Chaucer, comp., elocution. Junior: Bacon, Milton, Anglo-Saxon, Shakspeare, comp., elocution. Senior: Rhet., Eng. lit., comp. philology. Same as in Ph. B. course | Sophomore: French. Junior: German, German or French, <i>Spanish</i> or <i>Italian</i> (optional). Senior: Elective. Freshman: Mod. languages. Sophomore: Mod. languages, Acts of the Apostles in Fr. Junior: Mod. languages, New Testament Epistles in Ger. Senior: Mod. languages. Freshman, Sophomore, and Junior: Same as in B.S. course. | Same as in A. B. course..... Same as in A. B. course. Senior: Evidences of Christianity, Butler's Analogy. | 80 |
| Freshman and Sophomore: Same as in A. B. course, Junior and Senior: Comp., elocution. Freshman: Comp., elocution. Sophomore: Study of words, comp., elocution. Junior and Senior: Comp., elocution. | Freshman and Sophomore: French, German. | | |
| Same as in C. E. course | Same as in C. E. course. | | |
| Same as in C. E. course. Sophomore: <i>Eng.</i> | Freshman: French, German. Sophomore: German, <i>French</i> . | | |
| Freshman: Testament, rhet. (Hill), comp. Sophomore: Testament, hist. of Eng. lit., comp. Junior: Rhet., comp., elocution. Senior: Philology, comp., elocution, <i>Anglo-Saxon</i> , Bacon, Milton, <i>Shakspeare</i> , Chaucer, and lit. of 14th cent. | Freshman and Sophomore: French, ² German. ² Junior: German—Gram., Niebuler, Boisen; French—Charденal, translations; <i>Hebrew</i> . Senior: German— <i>Lyrics</i> , Storm, Chamisso, Schiller, Goethe, comp.; French— <i>Taine's Essays</i> , Racine, Molière or Corneille; <i>Hebrew</i> . | Sophomore: Dymond's <i>Essays</i> on morality. Junior: Logic (Whately and Hamilton), Psychology (Haven). Senior: Psychology, Butler's Analogy, Christian doctrines (Barclay or Gurney), <i>psychology</i> (Berkeley, Bowne). | 81 |
| Freshman, Sophomore, and Junior: Same as in A. B. course. Senior: Philology, comp., elocution, <i>Anglo-Saxon</i> . | Sophomore: French—Charденal, translations; German—Gram., Niebuler, Boisen. Junior: German— <i>Lyrics</i> , Storm, Chamisso, Schiller, Goethe, comp.; French— <i>Taine's Essays</i> , Racine, Molière or Corneille. Senior: <i>Hebrew</i> . | Same as in A. B. course. | |
| Freshman: Same as in A. B. course. Sophomore: Testament. | Sophomore and Junior: German, French. | Sophomore and Junior: Same as in A. B. course. Senior: Butler's Analogy. | |
| Freshman: Rhet., comp., elocution. Sophomore: Anglo-Saxon, comp., elocution. Junior: Lect. on Eng. lit., Chaucer, Spenser, Shakspeare, Amer. lit., elocution. Senior: Lect. on Eng. lit., Shakspeare, Milton, higher rhet., theory of style, Pope, Scott, elocution. | Freshman: German—Gram. (Cook's Otto), Heness Leitfadен, Hoffman's Historische Erzählungen. Sophomore: Translation from Eng. into Ger., Schiller, comp., elocution. Junior: Comp., Goethe, Lessing. Senior: Translation Eng. into Ger., comp., oratory, lect. on Ger. lit. | Sophomore: Physiology of the soul (Wythe), anthropology. Junior: Psychology (Sully), hist. of Phil., logic (Atwater), æsthetics. Senior: Ethics, social science. | 82 |

²By those presenting modern languages for admission.

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|-----------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 83 | University of Pennsylvania, Philadelphia, Pa. | Arts | Freshman: Latin—Livy, Horace; Greek—Lysias, Eurip., Xen., Plato, comp., moods and tenses. Sophomore: Latin—Tac., Cic., Horace; Greek—Herod., Sophocles, Thucyd., comp. Junior: Latin—Juvenal, Cic., Horace; Greek—Demos., Eurip., Plato, Aristophanes, antiquities, Sanskrit, gram. (Whitney), reader (Lanman). Senior: Latin—Cic. or Lucretius, Horace, reading at sight; Greek—Homer, Pindar, Æschylus, Aristophanes, Greek lit.; Sanskrit—Lanman's reader, Veda. | Freshman: Alg. (Wentworth), geom. (Chauvenet), trig. (Wentworth). Sophomore: Analyt. geom. (Bowser), dif. and integ. calc. Junior: <i>Theory of equations</i> (Todhunter), <i>advanced trig. and analyt. geom.</i> , <i>factorials and determinants</i> . Senior: Astron. (Newcomb), <i>advanced dif. and integ. calc.</i> , <i>dif. equations</i> , <i>theory of probabilities</i> . |
| | | Phil | Freshman: Latin—Sallust, Ovid. Sophomore: Latin—Tac., Horace. | Freshman: Alg. (Wentworth), trig. (Chauvenet), analyt. geom. (Bowser). Sophomore: Analyt. geom. dif. calc. Senior: Astron. |
| | | Fin. and Econ. | Freshman and Sophomore: Same as in course in arts or in philosophy. | Freshman and Sophomore: Same as in course in arts or in philosophy. |
| | | Chem | Same as in course in phil | Freshman and Sophomore: Same as in course in phil. Junior: Dif. and integ. calc. Senior: Astron., <i>methods of computation</i> . |
| | | Min. and Met. | Same as in course in phil | Freshman and Sophomore: Same as in course in phil. Junior: Dif. and integ. calc., sur. Senior: Same as in course in chemistry. |
| | | Civ. Eng.. | Same as in course in phil | Freshman and Sophomore: Same as in course in phil. Junior: Dif. and integ. calc., sur. Senior: Astron., <i>methods of computation</i> , sur., geodesy. |
| | | Dynam. Eng. | Same as in course in phil | Same as in course in chem ... |
| | | Draw. and Arch. | Same as in course in phil | Same as in course in chem ... |
| 84 | Lehigh University, South Bethlehem, Pa. | Classical.. | Freshman: Latin—Cic., Livy, Horace, comp., prosody; Greek—Homer, Xen., prosody. Sophomore: Latin—Horace, Tac. or Quintilian, comp., antiquities, Plautus; Greek—Herod., Thucyd., Eurip., Demos. Junior: Latin—Cic.; Pliny; Persius, Terence, hist. of Rom. lit. (Cruttwell). Greek—Sophocles, Aristophanes, Æschylus, antiquities. Senior: Latin—Lucretius, Rom. lit., Cic.; Greek—Plato, Greek phil., Pindar, Greek lit. | Freshman: Geom. (Chauvenet), alg. (Olney), trig., mens. Sophomore: Analyt. geom., gen. geom. (Olney), <i>dif. and integ. calc.</i> (Olney). Senior: Astron. (Loomis). |
| | | Latin scientific. | Latin—Same as in A. B. course | Freshman: Same as in classical course. Sophomore: Analyt. geom., gen. geom., dif. and integ. calc. Senior: Astron. |
| | | Science and letters, | ..... | Same as in Latin scientific course. |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: Structure of Eng. prose (McElroy), comp., elocution. Sophomore: Rhet., comp., elocution, modern prose authors, Gummere's poetics. Junior: Rhet., comp., Eng. lit., <i>Anglo-Saxon</i> (Sweet), <i>Middle and Early Modern Eng., elocution</i> . Senior: Comp., lect. on Elizabethan period and the age of Chaucer, <i>Anglo-Saxon, middle and early modern Eng., elocution, linguistics</i> (Whitney). | Junior: French— <i>Easy prose, syntax</i> (Harrison); German— <i>Eichendorff, Schiller, Goethe, Gram., Gothic</i> ; Italian— <i>Gram. (Toscani), Pellico, Manzoni; Hebrew</i> . Senior: French— <i>Modern drama, Molière, philology, hist. of Fr. lit., old French</i> ; German— <i>Lessing, Goethe, Grillparzer, Gothic</i> ; Italian— <i>Dante, Boccaccio, lect. on Italian lit.; Hebrew</i> . | Junior: Logic (Jevons), psychology (Lotze). Senior: Prin. of human knowledge (Berkeley), hist. of phil., conception of the infinite (Fullerton), ethics. | 83 |
| Freshman and Sophomore: Same as in arts course. Junior: Rhet., comp., Eng. lit., <i>middle and early modern Eng., elocution</i> . Senior: comp., lect. on Elizabethan period and the age of Chaucer, <i>middle and early modern Eng., elocution</i> . | Freshman: German—Gram., <i>Fünftes Lesebuch, Storm</i> (elective with French or Latin); French— <i>Syntax</i> (Harrison), modern prose, Boucher's French plays. Sophomore: German— <i>Virchow and Holtzendorff, Lessing</i> (elective with French or Latin); French— <i>Modern prose, Molière</i> . | Junior: Logic, psychology, ethics. Senior: Same as in arts course. | |
| Freshman and Sophomore: Same as in course in arts or in philosophy. | Freshman and Sophomore: Same as in course in arts or in philosophy. | Junior: Logic, moral phil. (Janet), ethics. | |
| Freshman and Sophomore: Same as in course in arts. Junior: Rhet., comp., Eng. lit., <i>elocution</i> . Senior: Comp., <i>elocution</i> . | Freshman and Sophomore: Same as in course in phil. Junior: German— <i>Pinner</i> ; French— <i>Tableaux de la Révolution française, Molière</i> . | | |
| Same as in course in chem..... | Same as in course in chem..... | | |
| Same as in course in chem..... | Same as in course in chem..... | Junior: Logic, ethics. | |
| Same as in course in chem..... | Same as in course in chem..... | | |
| Same as in course in chem..... | Same as in course in chem..... | Same as in course in civil eng. | |
| Same as in course in chem..... | Same as in course in chem..... | Same as in course in civil eng. | |
| Freshman: Comp., elocution. Sophomore: Comp., elocution, rhet. (Coppée). Junior: Eng. lit. (Coppée), philology, (Earle), comp., oratory. Senior: Comp., oratory, lect. on Amer. and Eng. lit. | Sophomore: French—Gram. (Whitney), reader (Keetel); or German—Gram. (Brandt), reader (Joyne's Otto), exercises (Lodeman). Junior: French—Gram., reading, O'Conner; or German—Gram., reading. Senior: French—Gram., Fr. lit., Corneille, Racine, Molière, comp.; or German—Gram.; Lessing, Herder, Goethe, Schiller, comp., Ger. lit. | Junior: Logic (Coppée), psychology (Hill). Senior: Moral phil. (Haven), hist. of phil., Christian evidences. | 84 |
| Same as in classical course..... | Freshman: German—Gram., reader. Sophomore: French, German. Junior and Senior: French, German. | Same as in classical course. | |
| Same as in classical course..... | Same as in Latin scientific course. | Same as in classical course. | |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|----------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 84 | Lehigh University, South Bethlehem, Pa.—Continued. | Civ. Eng. .... | ..... | Freshman: Geom., alg., trig., mens., sur. Sophomore: Analyt. geom., gen. geom., dif. and integ. calc., sur. Junior: Calc. (Courtney), analyt. mech. (Wood), sur. Senior: Astron., sur. |
| | | Mech. Eng. .... | ..... | Freshman and Sophomore: Same as in Latin scientific course. Junior: Calc., analyt. mech. |
| | | Metallurgy ..... | ..... | Freshman and Sophomore: Same as in civil eng. course. Junior: Same as in mech. eng. course. |
| | | Mining ... | ..... | Same as in civil eng. course. |
| | | Elec. Eng. .... | ..... | Freshman, Sophomore and Junior: Same as in mech. eng. course. Senior: Astron. |
| | | Chemistry ..... | ..... | Freshman: Same as in classical course. |
| | | Arch ..... | ..... | Same as in course in metallurgy. |
| 85 | Swarthmore College, Swarthmore, Pa. | A. B. | Freshman: Latin—Cic., Ovid. Sophomore: Latin—Horace, Sallust, Cic., Livy; Greek—Gram., Xen. Junior: Latin—Remnants of early Latin (Allen), Plautus, Terence, Horace, Persius, Juvenal, Cic., Pliny, Livy; Greek—Plato, Fernald's Greek Historians, comp. Senior: Latin—Tac., <i>Latin selections</i> (Smith), <i>hist. of Rom. lit.</i> (Crittwell). Greek—Homer, Soph., Eurip., <i>hist. of Greek lit.</i> | Freshman: Alg. (Wells), geom. (Davies Legendre), trig. (Chauvenet). Sophomore: Geom., alg., conic sections (Todhunter), <i>descrip. astron.</i> |
| | | B. L. | Latin—Same as in A. B. course (elective). | Same as in A. B. course |
| | | B. S. | Same as in B. L. course | Freshman and Sophomore: Same as in A. B. course. Junior: Calc. (Williamson), <i>sph. trig., determinants</i> . Senior: <i>Sph. and prac. astron.</i> (Chauvenet). |
| | | Engineer'g ..... | ..... | Freshman: Same as in A. B. course. Sophomore: Geom., alg., conic secs., <i>descrip. geom., sur., descrip. astron.</i> Junior: calc., sph. trig., <i>determinants</i> . Senior: Same as in B. S. course. |
| 86 | Washington and Jefferson College, Washington, Pa. | A. B. | Freshman: Latin—Livy, Horace, prose comp.; Greek—Lysias, Isocrates, Homer, New Testament, comp. Sophomore: Latin—Cic., Horace, Tacitus, comp.; Greek—Eurip., Thucyd., Sophocles, comp. Junior: Latin—Horace, Juvenal; Greek—Xen., Demos. | Freshman: Geom. (Newcomb), alg. (Wentworth), plane trig. Sophomore: Sph. trig., sur., analyt. geom., dif. calc. Junior: <i>Integ. calc., appl'd math.</i> Senior: <i>Appl'd math., astron</i> (Loomis). |
| | | B. S. .... | ..... | Freshman: Same as in A. B. course. Sophomore: Sph. trig., sur., analyt. geom., <i>descrip. geom., dif. calc.</i> Junior and Senior: Same as in A. B. course. |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----|
| Freshman and Sophomore: Comp., elocution. Junior: Comp., oratory, Eng. lit. Senior: Lect. on Eng. lit. | Freshman: French—Charde- nal, reader; or German— Gram., reader. Sophomore and Junior: French or Ger- man. | Senior: Christian evidences. | 84 |
| Freshman, Sophomore, and Jun- ior: Same as in civil eng. course. Senior: Lect. on Amer. and Eng. lit. | Same as in civil eng. course.... | Same as in civil eng. course. | |
| Same as in civil eng. course.... | Same as in civil eng. course.... | Same as in civil eng. course. | |
| Same as in mech. eng. course.... | Same as in civil eng. course.... | Same as in civil eng. course. | |
| Same as in mech. eng. course.... | Same as in civil eng. course.... | Same as in civil eng. course. | |
| Same as in mech. eng. course.... | Same as in civil eng. course.... | Same as in civil eng. course. | |
| Same as in civil eng. course.... | Same as in civil eng. course.... | Same as in civil eng. course. | |
| Freshman: Rhet., elocution. Sophomore: <i>Elocution, Eng. lit.</i> , comp. Junior: Comp., <i>English, elocution.</i> Senior: Comp., elocution, <i>English.</i> | Freshman: French—Téléma- que (Fenelon), gram.; Ger- man—Gram. and reading. Sophomore: French—Gram., prose and poetry (Magill). German—Stories, plays, writ- ing. Junior: French— <i>Böcher's college plays, Dumas, gram.</i> ; German—Schiller. Senior: French— <i>Corneille, Racine, Molière, gram.</i> ; German— <i>Goethe or Lessing, Schiller, hist. of Ger. lit.</i> | Senior: Logic (Jevons), mental phil., moral phil. (Janet). | 85 |
| Freshman: Eng., rhet., elocu- tion. Sophomore: <i>Elocution</i> , Eng. lit., comp. Junior: <i>Elo- cution</i> , Eng. lit., comp. Sen- ior: Eng., elocution, comp. | Freshman and Sophomore: Same as in A. B. course. Junior: French—Böcher's college plays, Dumas, gram.; German—Schiller. Senior: German—Goethe or Lessing, Schiller, hist. of Ger. lit.; French—Same as in A. B. course. | Same as in A. B. course. | |
| Same as in A. B. course..... | Freshman: Same as in A. B. course. Sophomore: German —Same as in A. B. course. French— <i>Elective</i> . Junior: Same as in B. L. course. Sen- ior: Same as in A. B. course. | Same as in A. B. course. | |
| Same as in A. B. course..... | French and German elective.... | Senior: Logic, <i>mental phil.</i> , <i>moral phil.</i> | |
| Freshman: Scott, Irving. Sophomore: Bacon, Chaucer, Anglo-Saxon, Longfellow, Goldsmith, Milton. Junior: Hist. of Eng. lit., oratory, Spencer, Shakspeare, Haw- thorne. Senior: Philology (Whitney). | Sophomore: German—Schmitz's course, gram., comp., reading. Junior: German— <i>Goethe, Schiller, Lessing.</i> Senior: Ger- man or French. | Junior: Logic (Jevons). Senior: Psychology, moral phil., Christian evi- dences (Fisher). | 86 |
| Freshman: Scott, study of words, gram. (Fowler), Ab- bott's How to Write Clearly, rhet. (Hart), Irving. Sopho- more and Junior: Same as in A. B. course. | Freshman: French—El lessons (Buckingham's Eugene), Bö- cher's reader, Xavier de Maistre, comp. Sophomore: German—Same as in A. B. course; French— <i>Athalie, Le Conscrit de 1813, Le Mis-an- thrope, prosody.</i> Junior: German—Same as in A. B. course, <i>French.</i> Senior: <i>French or German.</i> | Same as in A. B. course. | |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|-------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 87 | Brown University, Providence, R. I. | A. B. | Freshman: Latin—Livy, Cic., comp., Rom. hist.; Greek—Historians (Felton), comp., hist. of Greece, Homer. Sophomore: Latin—Horace, comp., Tac., Pliny; Greek—Demos., Soph. Junior: Latin—Horace, Juvenal, Persius, Terence, comp.; Greek—Eurip., Plato. Senior: Latin—Lucretius, Tac.; Greek—Demos., Plato. | Freshman: Geom., trig., alg. Sophomore: <i>Analyt. geom.</i> Junior: Astron. (Newcomb and Holden), <i>diff. and integ. calc., advanced mechanics, sur.</i> Senior: <i>Theory of equations, advanced mechanics.</i> |
| | | Ph. B. | Same as in A. B. course (elective). | Freshman: Geom., trig., alg., sur., mens. Sophomore: <i>Analyt. geom., descrip. geom.</i> Junior and Senior: Same as in A. B. course. |
| 88 | University of South Carolina, Colum- bia, S. C. | Gen. Sci- ence. | ..... | First year: Alg. (Wentworth), geom. (Chauvenet), plane trig. (Wheeler). Second year: Sph. trig. (Wentworth), <i>analyt. geom.</i> (Wentworth), calc. (Taylor), sur. Third year: Calc., least squares. Fourth year: Astron. (Young). |
| | | Civil Eng. | ..... | First and second years: Same as in course in gen. science. Third year: Calc., least squares, descriptive geom., geodesy. Fourth year: Astron. |
| | | Mech. Eng. | ..... | First year: Same as in course in gen. science. Second year: Sph. trig., <i>analyt. geom.</i> , calc. Third year: Calc., least squares, descriptive geom. Fourth year: Astron., applied mech. |
| | | Agriculture. | ..... | First and second years: Same as in mech. eng. course. Third year: Sur. |
| | | Chem. .... | ..... | Same as in course in agr. |
| | | Nat. Hist. | ..... | Same as in course in agr. |
| | | Classical.. | First year: Latin—Sallust, Cic., gram., comp., hist. of Rom. lit.; Greek—Xen., Homer, Herod., gram., first Greek writer (Sidgwick). Second year: Latin—Livy, Ovid, Horace, gram., comp., hist. of Rom. lit., mythology; Greek—Thucyd., Plato, Demos., gram., comp., moods (Keep). Third year: Latin—Tac., Pliny, Juvenal, Plautus, gram., hist. of Rom. lit., antiquities; or Greek—Soph., Plutarch, gram., moods and tenses, comp., hist. of Grecian lit. Fourth year: Latin—Terence, Cic., gram., comp., hist. of Rom. lit.; or Greek—Comp., gram., Æschylus, New Testament. | First and second years: Same as in mech. eng. course. |
| | | Latin and Modern Lang. | Latin—First and second years: Same as in classical course. Third year: Same as in classical course (elective with French). | Same as in classical course... |
| | | Eng. Lit .. | Latin—First year: Same as in classical course. Second year: Elective with French. | Same as in classical course... |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Sophomore: Rhet. (Hill), comp. (Bancroft), elocution. Junior: Hist. of Eng. lang., early Eng., Eng. lit. from 5th to 17th century, elocution, Eng. lit. of 17th and 18th centuries, manual of Eng. lit. Senior: <i>Eng. lit. of 19th century, Amer. lit.</i> | Freshman: French—Racine, Fénelon's <i>Télémaque</i> , Corneille. Sophomore: French— <i>Le Misanthrope, Les Fourberies de Scabin, Molière, St. Pierre</i> ; German— <i>Gram., comp., reader</i> . Junior: French— <i>Fr. lit.</i> ; German— <i>Schiller, comp.</i> Senior: German— <i>Goethe, Ger. lit.; Italian; Spanish.</i> | Junior: Logic (Jevons). Senior: Metaphysics (Hamilton), critique of pure reason (Kant), intellectual phil. (Wayland), the human intellect (Porter), psychology (Sully), moral phil. (Robinson), natural theology, evidences of Christianity, <i>hist. of phil.</i> | 87 |
| Freshman: Eng. Sophomore, Junior, and Senior: Same as in A. B. course. | Same as in A. B. course..... | Same as in A. B. course. | |
| First year: Gram., comp., Eng. lit. Second year: Hist. of Eng. lang. (Lonnbury), etymology, Eng. lit. of 17th and 18th centuries. Fourth Year: Comp., Eng. lit. | First and second years: French and German gram., reading, comp. | Third year: Logic (Bain), psychology (McCosh, Hamilton), hist. of phil. (Schwegler). Fourth year: Ethics (Calderwood, Janet). | 88 |
| Same as in course in gen. science. | First year: French, German. Second and third years: French or German. | | |
| Same as in course in gen. science. | Same as in civ. eng. course. | | |
| Same as in course in gen. science. | First and second years: French or German. | | |
| Same as in course in gen. science. Same as in course in gen. science. Same as in course in gen. science. | Same as in course in gen. science. Same as in course in gen. science. | Third year: Same as in course in gen. science. Fourth year: Ethics, evidences of Christianity (Fisher). | |
| Same as in course in gen. science. | First year: French. Second year: French, German. Third year: German, French (elective with Latin). Fourth year: French or German. | Same as in classical course. | |
| First and second years: Same as in course in gen. science. Third year: Hist. of Eng. lang., Anglo-Saxon gram., old and middle Eng. reader, Eng. lit., rhet. (Bain), comp. Fourth year: Comp., Eng. lit., rhet. (Whately), oratory. | First year: French. Second year: French (elective with Latin), German. | Same as in classical course. | |

TABLE 28.—*Courses of study in colleges*

NOTE—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|----------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 88 | University of South Carolina, Columbia, S. C.—Continued. | Hist. and Phil. | First year. Latin or Greek. Second and third years. Latin or Greek (elective with French and German). | Same as in classical course.. |
| 89 | University of Tennessee, Knoxville, Tenn. | Lit.-Scientific. | ..... | Freshman: Geom., alg. Sophomore: Trig., analyt. geom. |
| | | Latin-Sci. | Freshman: Latin—Cæsar, Virgil, gram., Rom. hist., mythology. Sophomore: Cic., Livy, gram., Rom. lit., Junior: Tac., Horace, prosody, comp., moods and tenses. Senior: Juvenal, Seneca. | Same as in lit.-scien. course.. |
| | | Agr. .... | ..... | Same as in lit.-scien. course.. |
| | | Chem ... | ..... | Freshman: Geom., alg. Sophomore: Trig., analyt. geom., sur. |
| | | Civil Eng. | ..... | Freshman: Alg., geom., trig. Sophomore: Analyt. geom., calc., descrip. geom., sur. Junior: Determinants, least squares. |
| | | Mech. Eng. | ..... | Same as in civil eng. course. |
| | | Min. Eng. | ..... | Freshman and Sophomore: Same as in civil eng. course. |
| 90 | Fisk University, Nashville, Tenn. | A. B. | Freshman: Latin—Virgil; Cic., comp.; Greek—Herod., Thucyd., hist. of Greece, Xen., Plato. Sophomore: Latin—Horace, Rom. hist.; Greek—Homer, Greek Testament. Junior: Latin—Livy, Tac.; Greek—Demos., Soph. | Freshman: Alg. (Wells), geom. (Peck), trig. (Peck), sur. (Murray). Sophomore: Conic sections (Peck), calc. (opt.). Junior: Astron. (Lockyear). |
| 91 | Vanderbilt University, Nashville, Tenn. | A. B. | Freshman: Latin—Cic., Livy, Ovid, gram., syntax; Greek—Herod., Homer, Lydias, gram., exercises. Sophomore: Latin—Cic., Pliny, comp., Horace; Greek—Plato, Demos., moods and tenses, comp., Eurip., Aristophanes, Lucian, Greek lit. (Jebb). Junior: Latin—Cic., Tac., Juvenal, Plautus or Terence, comp., hist. of Rom. lit.; Greek—Thucyd., Æschylus, Sophocles; Aristophanes, Greek lit., comp., metres. Senior: Same as in Junior. | Freshman: Geom. (Chauvenet), trig. (Wentworth), analyt. geom. (Wentworth), determinants (Peck). Sophomore: Dif. and integ. calc. (Greenhill or Newcomb), analyt. geom. (Smith). Junior: <i>Dynamics of a particle, and kinematics of rigid bodies or dif. equations, calc. of variations, and modern higher alg.</i> Senior: Astron. and same as in Junior. |
| | | B. S. | Junior and Senior: Same as in Freshman and Sophomore of A. B. course (elective). | Same as in A. B. course..... |
| | | Civil Eng. | ..... | Freshman: Geom., trig., analyt. geom., determinants, sur. Sophomore: Dif. and integ. calc., sur., analyt. geom. Junior: <i>Dynamics of a particle, kinematics and kinetics of rigid bodies, or dif. equations, calc. of variations, and modern alg., sur., descrip. geom.</i> Senior: Theoret. and pract. astron. |
| | | Mech. Eng. | ..... | Freshman: Same as in civil eng. course. Sophomore and Junior: Same as in civil eng. course, but sur. being opt. Senior: Same as in civil eng. course. |

and universities.—PART I—Continued.

italics are elective.

| English. | Modern languages. | Philosophy. | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Same as in course in gen. science. | First year: French. Second and third years: French or German (elective with Latin and Greek). | Third year. Same as in course in gen. science. Fourth year: Logic (Mills), ethics, Christian evidences. | 88 |
| Freshman: Gram., comp., rhet. Sophomore: Hist. of Eng. lit. Junior: Hist. of Eng. lang., rhet. Senior: Elective. | Junior and Senior: French or German. | Senior: Psychology, ethics. | 89 |
| Same as in lit.-scien. course..... | Junior: <i>French or German.....</i> | Same as in lit.-scien. course. | |
| Freshman and Sophomore: Same as in lit.-scien. course. Same as in agr. course..... | Same as in lit.-scien. course. Junior and Senior: German. | | |
| Same as in agr. course. | | | |
| Freshman: Same as in lit.-scien. course. Same as in mech. eng. course.... | Same as in chem. course. | | |
| Freshman: Rhet. (Reed and Kellogg), comp., elocution. Sophomore and Junior: Comp., elocution. Senior: Eng. lit., comp., elocution. | Sophomore: French—Gram., exercises, translations, Fr. lit. Junior: German—Gram., exercises, translations, Schiller. | Senior: Mental science (Bascom), logic (McCosh), moral phil. (Fairchild). | 90 |
| Freshman: Abbott's How to Parse, gram., Thackeray, Macaulay, comp. and rhet. (Bain), longer Eng. poems (Hale). Sophomore: Eng. prose writers (Hunt), Bacon, Milton, Anglo-Saxon lit. (Earle). Junior: <i>Anglo-Saxon</i> , <i>Fielding</i> , <i>Thackeray</i> , <i>Chaucer</i> , comp. Senior: Same as in Junior and elocution. | Junior: French— <i>Gram.</i> (Whitney), <i>Voltaire</i> , <i>Labiche</i> ; German— <i>Gram.</i> (Whitney), <i>exercises</i> , <i>Boisen's reader</i> ; <i>Schiller</i> , <i>Storm</i> , <i>Wm. Jensen</i> . Senior: French— <i>Chardenal</i> , <i>Racine</i> , <i>Crane and Brun</i> , <i>Aubert's lit.</i> , <i>Molière</i> , <i>O'Connor</i> ; German— <i>Gram.</i> , <i>Heine</i> , <i>Lessing</i> , <i>Uhland lit.</i> , <i>Schiller</i> , <i>Goethe</i> , <i>modern comedies</i> . | Junior: Psychology (Hamilton), logic (Tigert and Fowler), Senior: Moral phil. (Calderwood), natural religion and evidences of Christianity (Butler's Analogy), hist. of phil. (Schwegler). | 91 |
| Same as in A. B. course | Freshman, Sophomore, and Junior: French or German. Senior: <i>French or German</i> . | Junior: Same as in A. B. course. Senior: <i>Moral phil., nat. religion and evidences of Christianity, hist. of phil.</i> | |
| Sophomore: Same as Freshman in A. B. course. | Freshman: German—Gram., exercises, reader, Schiller, Storm, Wm. Jensen. Sophomore: German—Technical scientific reading exercises. French—Gram., Voltaire, Labiche. Junior: French—Technical scientific reading. | Senior: Logic. | |
| Same as in civil eng. course..... | Same as in civil eng. course. | | |

TABLE 28.—Courses of study in colleges

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|----------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 91 | Vanderbilt University, Nashville, Tenn.—Continued. | Min. Eng. | ..... | Freshman and Sophomore: Same as in civil eng. course. Junior: Sur., descrip. geom., dynamics of a particle, kinematics and kinetics of rigid bodies, or dif. equations, calc. of variations, and modern alg. (opt.). |
| 92 | University of Texas, Austin, Tex. | A. B | Freshman: Latin—Gram., comp., Sallust, Livy, Ovid, metres; Greek—Gram., comp., Xen., Herod., Lucian, Lysias. Sophomore: Latin—Gram., syntax, comp., Cic., Terence, metres; Greek—Plato, Attic orators, Thucyd., moods and tenses. Junior: Latin, Tac., Juvenal, Plantus, Catullus, comp., lit., metres; Greek—Homer, Eurip., Soph., metres, etymology. Senior: Latin—Elective; Greek— <i>Æschylus</i> , <i>Aristophanes</i> , <i>Pindar</i> , <i>Theocritus</i> , <i>Greek lit.</i> | Freshman: Alg. (Wentworth), solid geom. (Halsted), spherics, mens., plane and sph. trig. (Wentworth), sur., nav. Sophomore: <i>Analyt. geom.</i> , <i>graphic alg.</i> , <i>theory of equations</i> . Junior: <i>Analyt. geom.</i> , <i>dif. and integ. calc.</i> (Byerly). Senior: <i>Determinants</i> (Muir), <i>quaternions</i> , <i>invariants</i> , <i>quantics</i> , <i>astron.</i> |
| | | B. L | Freshman, Sophomore, Junior, and Senior: <i>Latin</i> ; <i>Greek</i> . | Same as in A. B. course..... |
| | | Scientific .. | Same as in B. L. course..... | Freshman: Same as in A. B. course. Sophomore: <i>Analyt. geom.</i> , <i>graph. alg.</i> , <i>theory of equations</i> . Junior: <i>Analyt. geom.</i> , <i>dif. and integ. calc.</i> Senior: Same as in A. B. course. |
| | | Engineering. | Same as in B. L. course..... | Freshman: Same as in A. B. course and descrip. geom. Sophomore: Same as in scientific course and geodesy. Junior: <i>Analyt. geom.</i> , <i>calc.</i> , <i>applied mech.</i> Senior: <i>Determinants</i> , <i>quaternions</i> , <i>invariants</i> , <i>quantics</i> , <i>astron.</i> |
| | | Chemistry. | Same as in B. L. course..... | Freshman: Same as in A. B. course, and <i>descrip. geom.</i> Sophomore, Junior, and Senior: Same as in Eng. course (<i>elective</i>). |
| | | Physics... | Same as in B. L. course..... | Freshman: Same as in course in chem. Sophomore: Same as in A. B. course and <i>geodesy</i> . Junior and Senior: Same as in course in chem. |
| | | Geology .. | Same as in B. L. course..... | Same as in course in physics .. |
| 93 | University of Vermont, Burlington, Vt. | Arts..... | Freshman: Latin—Tac., Livy; Greek—Xen., Homer, Lysias. Sophomore: Latin—Horace; Greek—Thucyd., orators. Junior: Greek—Drama. Senior: Greek—Plato. | Freshman: Alg., geom. and plane trig. (Newcomb). Sophomore: <i>Analyt. geom.</i> (Newcomb). Junior: <i>Astron</i> (Newcomb). |
| | | Lit. Scien. | Latin—Freshman: Tac., Livy. Sophomore: Pliny, Quintilian, Horace. | Same as in A. B. course..... |

and universities.—PART I—Continued.

Italics are elective.

| English. | Modern languages. | Philosophy. | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Same as in civil eng. course.... | Same as in civil eng. course .... | ..... | 91 |
| Freshman: Rhet. and comp. (Bain), analysis, essays, elocution. Sophomore: Essays, declamation, <i>hist. of Eng. lang.</i> (Lounsbury). Junior: Essays or orations, <i>Eng. lit.</i> Senior: Orations or disquisitions, <i>Eng. lit.</i> (masterpieces). | Freshman: <i>French</i> or <i>German</i> . Sophomore, Junior, and Senior: <i>French</i> or <i>German</i> . | Junior: Psychology (Schnyer), logic (Bowen). Senior: Moral science (Alexander), pract. ethics, nat. theology (Valentine), sensualistic phil. of the 19th cent. | 92 |
| Freshman: Same as in A. B. course. Sophomore: Essays, declamations, <i>hist. of Eng. lang.</i> Junior: Essays or orations, <i>Eng. lit.</i> Senior: Same as in A. B. course. | Freshman: French, German. Sophomore and Junior: French, German. <i>Spanish</i> . Senior: <i>French</i> ; <i>German</i> . | Same as in A. B. course. | |
| Freshman, Sophomore, and Junior: Same as in A. B. course. Senior: <i>Eng. lit.</i> (masterpieces). | Freshman: French or German. <i>French</i> or <i>German</i> . Sophomore and Junior: <i>French</i> , <i>German</i> , <i>Spanish</i> . Senior: <i>French</i> ; <i>German</i> . | Same as in A. B. course (elective). | |
| Freshman: Same as in A. B. course. Sophomore: <i>English</i> . Junior: <i>Essays or orations, Eng. lit.</i> Senior: Same as in scientific course. | Same as in scientific course | Same as in scientific course. | |
| Freshman: Rhet., essays, <i>anal.</i> Sophomore, Junior, and Senior: <i>English</i> . | Same as in scientific course | Same as in scientific course. | |
| Freshman: Essays, <i>rhet. anal.</i> Sophomore, Junior, and Senior: Same as B. L. course. | Same as in scientific course | Same as in scientific course. | |
| Freshmore: Same as in course in chem. Sophomore, Junior, and Senior: <i>English</i> . | Freshman: Same as in scientific course. Sophomore: French or German, <i>French</i> or <i>German</i> , <i>Spanish</i> . Junior and Senior: Same as in scientific course. | Junior: Same as in A. B. course. Senior: Same as in scientific course. | |
| Freshman and Sophomore: Rhet., essays. Junior: Rhet., essays, orations. Senior: Rhet., essays, orations, <i>Eng. lit.</i> | Freshman: French. Sophomore: German, French. Junior: German. | Junior: Logic (Davis). Senior: Psychology (Marsh, Hopkins, Porter, Dewey), metaphysics (Kant), evidences of religion (Flint), moral phil. (Janet). | 93 |
| Freshman: Rhet., essays, <i>Eng. lit.</i> Sophomore, Junior, and Senior: Same as in A. B. course. | Same as in A. B. course | Same as in A. B. course. | |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|----|---------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 93 | University of Vermont, Burlington, Vt.—Continued. | Engineering. | ..... | Freshman: Alg., geom., trig., sur., descrip. geom. (Church). Sophomore: Sph. trig., analyt. geom., descrip. geom., calc., astron (Newcomb). Junior: Geodesy. |
| | | Chemical. | ..... | Freshman: Same as in Eng. course. Sophomore: Analyt. geom. Junior: Calc. (opt.). |
| | | Agr. .... | ..... | Freshman: Same as in Eng. course. Sophomore: Descrip. geom. |
| 94 | Middlebury College, Middlebury, Vt. | Classical.. | Freshman: Latin—Livy, comp., Cic.; Greek—Xen., comp., Homer, Greek lit., Epic poetry, antiquities (Mahaffy). Sophomore: Latin—Horace, Tac., comp., Cic., Lucretius, Plautus, hist. of Rom. lit; Greek—Sophocles, Greek lit., comp., Thucyd., Lysias. | Freshman: Alg., geom. and trig. (Wentworth). Sophomore: Sph. trig. (Wentworth), analyt. geom. (Briggs). Senior: Astron. |
| | | Lat. Scien. | Latin: Same as in classical course. | Same as in classical course .. |
| 95 | Randolph-Macon College, Ashland, Va. | Ph. B. | Latin—Livy, Tac., Horace, Tac., Cic., Juvenal, Horace. | Alg. (Wentworth, Todhunter), geom. (Nixon's Euclid, Wentworth), trig. (Newcomb), conic sections (Puckle), determinants (Peck), analyt. geom., dif. and integ. calc. (Todhunter), phil. of math. (Bledsoe), astron. (Newcomb and Holden), descrip. geom., sur. |
| | | A. B. | Latin—Gram., Cæsar, Sallust, hist. of Rome (Creighton), Cic., Virgil, Livy, Tac., Horace, Tac., Cic., Juvenal, Horace; Greek—Gram., comp. (Sidgwick), Homer, New Testament, Plato, Demos., Thucyd., Sophocles, Wilson's Mosaics of Grecian History. | Trig. (Newcomb), conic secs., determinants, astron. |
| 96 | Hampden-Sidney College, Hampden-Sidney, Va. | ..... | Freshman: Latin—Cæsar, Virgil or Ovid, prosody, gram., Cic., comp.; Greek—Xen., gram., hist. and geog. Sophomore: Latin—Cic., Livy, gram., comp. Horace, prosody; Greek—Homer, gram., comp., Xen., Lysias. Junior: Latin—Tac., gram., comp., Quintilian; Greek—Gram., comp., Lysias, Homer, Eurip., Demos. Senior: Greek—Hist. (Grote), Demos., Plato; gram., comp.; Latin—Terence, comp., gram. | Freshman: Alg. and geom. (Wentworth), original problems. Sophomore: Alg., geom., trig. (Wentworth). Junior: Analyt. geom. (Puckle), analyt. geom. (Venable). Senior: dif. and integ. calc. (Ray), astron. (Newcomb and Holden), hist. and phil. of math. |
| 97 | Washington and Lee University, Lexington, Va. | ..... | Latin—Gildersleeve's Primer, Smith's Principia, Cæsar, Ovid, Livy, Cic., Virgil, gram., mythology, Tac., Horace, Juvenal, Rom. hist. (Leighton), Rom. lit. (Cruttwell); Greek—Xen., Herod., Homer, comp., gram., Plato., Eurip., Demos., Thucyd., Sophocles, Isocrates, Greek lit. (Jebb). | Alg. and geom. (Wentworth), trig. (Wells), analyt. geom. (Wentworth), determinants (Peck), calc. (Taylor, Beyerly), quaternions (Hardy), descrip. geom. (Church), sur. (Davies), astron. (Young). |

and universities.—PART I—Continued.

Italics are elective.

| English. | Modern languages. | Philosophy. | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: English. Sophomore: Rhet. (Hill), Shakespeare, Chaucer. Junior: Rhet. Senior: Hist. and criticism of Eng. lit. | Sophomore: French. Junior: German. | Freshman: Moral phil | 93 |
| Same as in Eng. course | Same as in Eng. course | Same as in Eng. course. | |
| Same as in Eng. course | Same as in Eng. course | Same as in Eng. course. | |
| Freshman: Rhet. (Kellogg). Sophomore: Hist. of Eng. lang. (Lounsbury). Junior: Rhet. (Whately). Senior: Eng. lit., Chaucer, drama, 19th century poetry. | Sophomore: French. Junior: German, gram. (Whitney), German prose (Boisen), Schiller. | Junior: Logic (Jevons). Senior: Physiological psychology (Ladd), psychology (Sully), ethics, Hopkins' Law of Love, Mulford's Republic of God. | 94 |
| Freshman: Rhet. Sophomore: Old Eng. prose, Siever's gram. Eng. comp. (Bain), Anglo-Saxon primer (Sweet), Eng. lit. (Brooke), prose comp. (Minto), Eng. prose classics, <i>Middle Eng. primers</i> (Sweet), <i>Chaucer, historical gram., Spenser, Pattison's Pope, Palgrave, Arnold's, Wordsworth, and Byron, Tennyson.</i> | Same as in classical course | Same as in classical course. | |
| Eng. comp., Anglo-Saxon primer, Eng. lit., prose comp., Eng. prose classics. | French—Gram. (Whitney), Rougemont, Crane and Brun, historical gram. (Brachet), Molière, Racine, Corneille, Fr. lit. (Saintsbury), Crane. German—Gram. and reader (Whitney), <i>Lessing, Goethe, Schiller, Heine, Scheffel.</i> | Psychology (Hopkins, Porter), logic (Jevons), ethics (Hopkins), nat. theology (Flint), hist. of phil. | 95 |
| | German—Same as in Ph. B. course. French — <i>Gram., Rougemont, Crane and Brun.</i> | Psychology (Hopkins), logic, ethics. | |
| Freshman: Higher Eng. gram. (Reed & Kellogg), comp., or-thoepist (Ayers), pract. rhet. (Clark), Irving, Macanlay. Sophomore: Prac. rhet., or-thoepist (Abernethy), Anglo-Saxon (Sweet), lyrical selections, comp., Eng. lang. (Lounsbury), Chaucer. Junior: Shakespeare's primer, Macbeth, Eng. lit. (Morley and Tyler), Milton, essays. Senior: Essays, dissertations. | German—Gram. (Sheldon), gram. and reader (Whitney), Bodenstedt's translation of Hamlet, Freytag's Die Journalisten, or Schiller. French—Gram. (Whitney), Rougemont, About, Pylodet, Blouet, Saintsbury. | Junior: Porter's Elements of Intellectual Science, <i>McCosh on the Emotions, Locke on the Human Understanding.</i> Senior: Logic (Fowler), hist. of phil. (Schwegler), Porter's Elements of Moral Science, mental phil., evidences of Christianity (Fisher). | 96 |
| Our lang. (Southworth and Stoddard), Strang's exercises, lessons in Eng. (Lockwood), English poets, (Ward), Eng. gram. (Morris), longer Eng. poems (Hale), Chaucer, Anglo-Saxon, (Sweet), early Eng. (Corson), Harrison and Sharp's Beowulf, Whitney's Lang. and the study of Lang., Ten Brink's hist. of Old Eng. lit., rhet. (Whately, Genung), Gummere's Handbook of Poetics, Eng. lit. (Shaw, Taine), essays, elocution. | French—Easy lessons, Char-denal's first course, reader (Snper), Fontaine, Fr. lit. (Saintsbury or Warren), Bôcher's college plays, Corneille, Racine, Molière, Boileau, Voltaire, Hugo, La Fontaine. German—Gram. and reader (Whitney), Homann's Collection of Märchen, or Otis's Grimm's Märchen, Barring-Gould, Goethe, Schiller, Lessing, Weckebach, Heine, Ger. lit. (Hamer), Ger. Testament, Kostyak. | Metaphysics (Bowen's Hamilton), hist. of phil., logic (Bowen), nat. theology and Christian evidences (Fisher), ethics (Robinson). | 97 |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Mathematics and astronomy. |
|-----|----------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 98 | University of Virginia, Charlottesville, Va. | A. B. | Latin—Sallust, Ovid, Curtius, Virgil, comp., Rom. hist. (Liddell), Rom. lit. (Bender), Livy, Horace, Cic., Seneca, Tacitus, Juvenal, Plautus; Greek— <i>Gram</i> , <i>Xen.</i> , <i>Lysias</i> , <i>hist of Greece</i> , <i>drama</i> , <i>Homer</i> , <i>Plato</i> , <i>Eurip.</i> , <i>lit.</i> , <i>antiquities</i> . <i>Demos.</i> , <i>Thucyd.</i> , <i>Aristophanes</i> . <i>lyric poets</i> , <i>syntax</i> . | Alg. (Todhunter), geom. (Venable's Legendre), trig. (Todhunter, Snowball), conic sections (Puckle), analyt. geom., solid geom., dif. calc. (Todhunter), integ. calc. (Williamson), calc. (Courtenav), theory of equations (Todhunter). |
| | | A. M. | Latin and Greek..... | Same as in A. B. course..... |
| | | C. E. .... | ..... | Same as in A. B. course and applied math., and <i>mized math.</i> , geodesy, descript. geom. |
| | | Min. Eng. .... | ..... | Same as in A. B. course and applied math. |
| | | B. S. A. .... | ..... | Applied math. |
| 99 | University of Washington, Seattle, Wash. | A. B. | Freshman: Latin—Ovid, Horace, Livy; Greek—Homer, Herod. Sophomore: Greek—Plato, Edipus, Prometheus. | Freshman: Trig. and analyt. geom. (Wentworth). Sophomore: Calc. (Rice and Johnson), mech. (Wood). Junior: Descrip. astron. (Gillet and Rolfe). |
| | | B. S. | Latin—Same as in A. B. course. | Same as in A. B. course..... |
| 100 | West Virginia University, Morgantown, W. Va. | A. B. | First year: Latin—Virgil, Horace, Cic.; Greek—Herod., Homer. Second year: Latin—Livy, Rom. lit. (Bender), Horace, Cic.; Greek—Xen., Greek lit. (Jebb), Plato, Eurip. Third year: Latin— <i>Toc.</i> ; Greek— <i>Demos.</i> , <i>Sophocles</i> . | First year: Trig., sur., analyt. geom., <i>descrip. geom.</i> |
| | | B. S. .... | ..... | First year: Trig., sur., analyt. geom., <i>descrip. geom.</i> Second year: Calc., analyt. mech. Third year: Analyt. mech., astron. |
| | | Engineering. .... | ..... | Same as in B. S. course..... |
| 101 | University of Wisconsin, Madison, Wis. | ..... | Greek— <i>Gram</i> , prose comp., Homer, Xen., speaking and writing Greek, Lysias, Herod., lyric poets, Demos., Eurip., Plato, derivation of technical terms. Latin—Cic., Virgil, Livy, Horace, Tac., Plautus, Catullus, gram., comp. Sanskrit—The Nala and gram., reader, Sanskrit lit. | Alg. (Van Velzer and Slichter), solid geom. (Wentworth), trig. (Wheeler), analyt. geom., dif. and integ. calc., dif. equations, modern geom., higher plane curves, sph. harmonics, elliptic functions, theory of functions, theory of numbers, quaternions, descript. geom., descript. astron., pract. astron., theoret. and pract. astron., sur., least squares, geodesy. |

and universities.—PART I—Continued.

Italics are elective.

| English. | Modern languages. | Philosophy. | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| English (elective with German). | French or Spanish, or Italian, German (elective with English.) | <i>Deductive, inductive, and applied logic</i> (Davis, Mill, Jevons). | 98 |
| ..... | French, German | Deductive, inductive, and applied logic, psychology (Davis), metaphysics (Hamilton), la morale (Jenet), ethics (Kant), Hist. of Phil. (Ueberweg). | |
| Junior: Rhet. (Hill). Senior: Eng. lit. (Kellogg), criticism, (Kames), oratory. | Sophomore: German (elective with Greek). | Senior: Psychology and ethics (Porter), logic (Schuyler). | 99 |
| Same as in A. B. course..... | Freshman: German lessons and gram. Sophomore: Ger. reader, Schiller. | Same as in A. B. course. | |
| First year: Analysis, Eng. phil., hist. of Eng. (Lang), comp., Eng. lit. Second year: Rhet. (Hart). Third year: Criticism, Eng. lit. | Third year: German gram. (Joynes-Meissner), <i>Grimm's Maerchen</i> , Schiller. Fourth year: German— <i>Benedix</i> or <i>Lessing</i> , <i>Goethe</i> , <i>Fouque</i> , <i>Ger. lit.</i> (Hosmer) or French— <i>gram.</i> (Whitney), <i>reader</i> (Super), <i>Colomba</i> , <i>Picciola</i> . | Third year: Intellectual science (Porter), logic (Jevons-Hill). Fourth year: Ethics (Janet), nat. theism, Christian theism. | 100 |
| First and second years: Same as in A. B. course. Third year: <i>criticism, Eng. lit.</i> | First year: French—Gram., reader, <i>Colomba</i> , <i>Picciola</i> . Second year: French— <i>Voltaire</i> , gram., <i>Corneille</i> , <i>Racine</i> , <i>Molière</i> , <i>Hugo</i> , <i>Fr. lit.</i> (Saintsbury). Third year: German—Gram., <i>Grimm's Maerchen</i> , <i>Schiller</i> . Fourth year: German— <i>Benedix</i> , <i>Lessing</i> , <i>Goethe</i> , <i>Fouque</i> , <i>Ger. lit.</i> | Same as in A. B. course. | |
| Second year: Rhet. Third year: Same as first year in A. B. course. | First and second years: Same as in B. S. course. | | |
| Anglo-Saxon (Sweet), Chaucer, gen. survey of Eng. lit., Sir Thomas Moore, Roger Ascham, Sir Philip Sidney, Spenser, Bacon, Milton, Pope, Burke, Tennyson, Brvant, Longfellow, Whittier, Holmes, Lowell, Shakespeare, Hawthorne, Irving, Thoreau, Emerson, Carlyle, Ruskin, Browning, Dickens, Thackeray, George Eliot, prin. of rhet. (Hill), pract. rhet. (Genung, Hill), phil. of rhet. (D. J. Hill), elocution, essays. | French, German, Spanish, Italian, Scandinavian languages, Hebrew. | General psychology, exp. psychology, hist. of Greek phil. (Zeller), hist. of modern Eng. phil., ethics, aesthetics, deductive and inductive logic, advanced logic (Mill, Boole), pedagogics. | 101 |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physica. |
|---|------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | University of Alabama, University, Ala. | A. B. | Senior: Wurtz's Elements.... | Senior: Peck's Ganot |
| | | B. S. | Sophomore: <i>Chem.</i> (Clark). Junior: Exp. chem. (Bloxam or Wurtz), qual. anal. (Jones or Prescott), quant. anal. (Bolton), lab'y work. Senior: Org. chem. (Remsen), lab'y work (Fresenius, Bolton, Tucker). | Freshman: <i>Gage's physics</i> . Junior and Senior: Mechanics, Kimball's Olmsted. |
| | | C. E. | Junior: Exp. chem. | Freshman: El. physics (Gage). Junior: Mechanics, Kimball's Olmsted. |
| 2 | University of California, Berkeley, Cal. | A. B. | Sophomore: <i>El. chem.</i> Senior: <i>El. chem.</i> , <i>inorg. chem.</i> | Junior: Heat, mechanics, mechanics of liquids, of gases, and of capillarity, statical electricity (required first term, elective second term). |
| | | B. L. | Sophomore: El. chem. (Storer and Eliot, Roscoe). Senior: <i>Inorg. chem.</i> | Same as in A. B. course..... |
| | | Ph. B. | Sophomore: El. chem. | Same as in A. B. course..... |
| | | B. S. in Agr. | Freshman: El. chem. Sophomore: <i>Inorg. chem.</i> , qual. anal. Junior: Agr. chem., quant. anal. Senior: Org. chem., physiological chem., quant. anal. | Sophomore: Heat, mech., mechanics of liquids, of gases, and of capillarity, statical electricity. Junior: Phys. lab'y. |
| | | B. S. in Mech. | Freshman: Same as in B. S. course in agr. Sophomore: <i>Inorg. chem.</i> , qual. anal., blowpipe anal. | Same as in B. S. course in agr.. |
| | | B. S. in Min. | Freshman and Sophomore: Same as in B. S. course in agr. Junior: <i>Quant. anal.</i> | Same as in B. S. course in agr.. |

and universities.—PART II.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---|
| | | Freshman: U. S. hist. (Eggleston and Stephens). Sophomore: Early and mediæval England (Montgomery); modern England (Montgomery); early eastern civilizations (Myers). Junior: Greece (Myers), Rome (Allan and Leighton), mediæval and modern Europe (Myers). Senior: Mediæval and modern Europe (Myers), Amer. politics (Johnston), polit. econ. Same as in A. B. course. | | 1 |
| Sophomore: <i>Physiology and hygiene</i> (Dalton, Palmer). | Junior: Mineralogy (Dana). Senior: Mineralogy (Dana), geol. (Le Conte). | | | |
| | Senior: Mineralogy, geology. | Freshman: Same as in A. B. course. | Freshman: Drawing. Sophomore, Junior, and Senior: Civil engineering and drawing. | 2 |
| Junior: <i>Vegetal struct. and morphology, comp. zoölogy</i> . Senior: <i>Vegetal struct. and morphology, systematic and economic botany</i> . | Junior: <i>Crystallography, terminology, descriptive mineralogy</i> . Senior: <i>Dynamical, structural, and historical geology</i> . | Sophomore: <i>Gen. European U. S. hist.</i> Junior: <i>U. S. hist., comp. constitutional hist., 19th century hist.</i> Junior: <i>Comp., constitutional hist., 19th cent. hist., Rom. law, jurisprudence, political theories, polit. econ.</i> Senior: <i>Hist. of economic thought</i> . | | |
| Same as in A. B. course. | Same as in A. B. course. | Sophomore: <i>Gen. European, U. S. hist.</i> Junior and Senior: Same as in A. B. course. | | |
| Junior: <i>Comp. zoölogy</i> . | Senior: <i>Dynamical, structural, and historical geology</i> . | Freshman: English, XVII century. Sophomore: Gen. European and U. S. hist. Junior: U. S. hist., constitutional hist., 19th century hist. Senior: Comp., constitutional, 19th century, Rom. law, jurisprudence constitutional law, political theories, polit. econ., hist. of economic thought. | | |
| Sophomore: <i>Vegetal struct. and morphology, systematic and economic botany</i> . Junior: <i>Comp. zoölogy, el. and economic entomology</i> . Junior: <i>Comp. zoölogy</i> . | Junior: Mineralogy. Senior: <i>Dynamical, structural, and mineralogical lab'y</i> . Senior: <i>Dynamical, struct. and hist. geology</i> . | Junior: <i>Nineteenth century, polit. econ.</i> Senior: <i>Nineteenth century, hist. of economic thought</i> . Same as in B. S. course in agr. | Sophomore: Mechanical drawing. Junior: Mech. drawing, graphostatics. Senior: Mech. eng., civil eng., construction. | |
| | Same as in B. S. course in agr. | Same as in B. S. course in agr. | Sophomore: Mech. drawing. Junior: Mech. drawing, graphostatics. Senior: Civil eng., mining, metallurgy, construction, assaying. | |

TABLE 28.—*Courses of study in colleges*

NOTE—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|---|-----------------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 | University of California, Berkeley, Cal.—Continued. | B. S. in Civil Eng. | Same as in B. S. course in mech. | Same as in B. S. course in agr.. |
| | | B. S. in Chem. | Freshman and Sophomore: Same as in B. S. course in mech. Junior: Chem. phil., quant. anal. Senior: Org. chem., <i>physiological chem.</i> , quant. anal., <i>agr. chem.</i> | ..... |
| 3 | University of Colorado, Boulder, Colo. | ..... | El. and gen. chem. (Remsen), qual. and quant. anal. (Stoddard, Fresenius), org. chem. (Remsen), advanced org. chem. (Richter, Roscoe), hist. chem. (Ladenburg, Mayer), thermo. chem. (Muir), advanced theoret. and gen. chem. (Muir, Remsen), spectral anal. (Schellen, Vogel), physiological chem. (Gammgee), medical chem. | Gen. physics (Daniell, Glazebrook and Shaw, Janin, Stewart, Pickering), mechanics (Todhunter, Tait and Steele), optics (Parkinson, Heath, Janin, Mueller, Airy), electricity (Maxwell, Mascart and Joubert, Ayrton, Stewart and Gee, Kempe). |
| 4 | University of Denver, Denver, Colo. | A. B. B. L. | Freshman: Chem. (Von Richter), org. chem. (Remsen). Same as in A. B. course..... | Sophomore: Physics (Ganot). Junior: Phys. lab'y. Same as in A. B. course..... |
| | | B. S. | Freshman: El. and org. chem. Sophomore: Chem. lab'y. | Same as in A. B. course..... |
| 5 | Trinity College, Hartford, Conn. | A. B. | Junior: Non-metals and metals (Stoddard), hist. of chem., <i>org. chem.</i> , <i>analyt. chem.</i> , <i>lab'y work</i> . Senior: <i>Qual. and quant. anal.</i> | Sophomore: Physics of solids, liquids, and gases, acoustics (Ganot). Junior: Heat and optics, magnetism, electrostatics, electrodynamics. Senior: <i>Lect. on advanced physics, lab'y work</i> (Kohlrausch). |
| | | B. S. in Letters and Science. | Junior: Non-metals and metals, hist. of chem., org. and analyt. chem., lab'y work. | Sophomore and Junior: Same as in A. B. course. Senior: Lect. on advanced physics, lab'y work. |
| | | R. S. in Science. | Same as in B. S. course in letters and science. | Same as in B. S. course in letters and science. |
| | | B. L. | Junior: Nonmetals and metals, hist. of chem. | Same as in A. B. course, omitting <i>lab'y work</i> in Senior yr. |

and universities.—PART II—Continued.

Italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---|
| Same as in B. S. course in mech. | Same as in B. S. course in mech. | Same as in B. S. course in agr. | Sophomore: Mech. drawing. Junior: Mapping, graphostatics, civil eng., construction. | 2 |
| Same as in B. S. course in mech. | Same as in B. S. course in agr. and <i>petrography</i> in senior year. | Sophomore: <i>Gen. European</i> and <i>U. S. hist.</i> Junior and Senior: <i>Nineteenth century.</i> | Senior: <i>Metallurgy.</i> | |
| Gen. biology (Sedgwick and Wilson, Huxley and Martin), veg. histology and physiology (Vines, Bower, Sachs, Goodale), comp. osteology (Huxley, Parker and Bertany, Flower), gen. bot. (Bessey, Gray, Coulter, Goebel, DeBary, Sachs), gen. zoölogy (Huxley, Claus, Packard), comp. embryology (Balfour, Had- don). | Crystallography and physical mineralogy (Dana, Groth, Kopp), gen. and stratigraphical geology (Dana, Le Conte), <i>petrography</i> , paleontology. | Gen. hist. of Europe (Fisher), polit. econ. (Mill). | ..... | 3 |
| ..... | Senior: Geology (Dana). | Junior: Polit. econ. (Walker). | ..... | 4 |
| Freshman: Zoölogy (Orton). | Same as in A. B. course | Sophomore: Hist. of civilization (Guizot). Junior: Polit. econ., int. law (Gallaudet). Senior: Universal hist. (Fisher). | ..... | 5 |
| Same as in B. L. course. | Same as in A. B. course | Sophomore and Junior: Same as in B. S. course. | ..... |  |
| Sophomore: El. botany (Gray), zoölogy (Packard). Junior: <i>Outline study of man</i> (Hopkins), <i>el. biology</i> (Huxley and Martin). | Senior: Geology (Dana), field excursions, <i>crystallography</i> , <i>descrip. mineralogy</i> , <i>conferences in determinative mineralogy</i> (Dana). | Junior: Polit. econ., <i>outlines of Eng. hist.</i> Senior: Hist. of mod. Europe, hist. of mediæval Europe, hist. of Eng. constitution and U. S. constitution, American local institutions, modern European constitutions, <i>phil. of hist.</i> (Guizot or Schlegel). | ..... |  |
| Freshman: Outline study of man (Hopkins). Sophomore: Same as in A. B. course. Junior: El. biology. | Same as in A. B. course | Freshman: Outlines of Eng. hist., U. S. hist. (Eliot). Junior: Polit. econ. Senior: Hist. of mod. Europe, hist. of Eng. const., U. S. const., Amer. local inst., mod. European const., <i>phil. of hist.</i> | ..... |  |
| Sophomore: Same as in A. B. course. Junior: El. biology. | Senior: Geology (Dana), field excursions, <i>crystallography</i> , <i>descrip. mineralogy</i> , <i>conferences in determinative mineralogy</i> (Dana). | Sophomore: Same as Freshman in B. S. course in letters and science. Junior: Polit. econ. Senior: hist. of mediæval Europe, hist. of Eng. const., U. S. const., Amer. local institutions, mod. European const., <i>phil. of hist.</i> | ..... |  |
| Sophomore: Outline study of man, el. bot., zoölogy. Junior: <i>El. biology.</i> | ..... | Freshman: Same as in B. S. course in L. and S. Junior: Polit. econ. Senior: Hist. of modern Europe, hist. of mediæval Europe, <i>phil. of hist.</i> , polit. econ., hist. of Eng. const., U. S. const., Amer. local inst., mod. European constitutions. | ..... |  |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|---|---------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6 | Wesleyan University, Middletown, Conn. | A. B. | Sophomore: El. chem. Junior: <i>Qual. anal.</i> Senior: <i>Quant. anal., org., theoret., and physiological chem.</i> | Sophomore: El. physics (Lodge's el. mech., Stewart's el. physics). Junior: <i>Sound and light, elec. and heat</i> (Thompson, Stewart), <i>pract. physics.</i> Senior: <i>Pract. physics.</i> |
| | | Ph. B. | Same as in A. B. course. | Same as in A. B. course. |
| | | B. S. | Freshman: El. chem. Sophomore: <i>Qual. anal.</i> Junior: Same as in Senior in A. B. course. Senior: <i>Advanced work.</i> | Freshman: El. physics. Sophomore: Same as in Junior in A. B. course. Junior: <i>Pract. physics.</i> |
| 7 | Yale University, New Haven, Conn. | A. B. | Junior: <i>Exp. org. and inorg. chem., analyt. chem.</i> | Junior: Liquids, gases, sound, light, heat, electricity, and magnetism (Ganot). Senior: <i>Pract. physics.</i> |
| | | | | |
| | | | | |
| 8 | Sheffield Scientific School, New Haven, Conn. (three-year courses). | B. S. in Chem. | Freshman: Chem. (Mixer). Junior: Org. chem., qual. anal., quant. anal. Senior: Org. and theoret. chem., agr. chem., quant. anal., analyt. chem., <i>assaying.</i> | Freshman: Physics |
| | | B. S. in Civil Eng. | Freshman: Chem. (Mixer)... | Freshman: Physics |
| | | B. S. in Mech. | Same as in B. S. course in civil eng. | Freshman: Physics. Senior: <i>Electricity.</i> |
| | | B. S. in Agr. | Freshman and Junior: Same as in B. S. course in chem. Senior: Agr. chem. | Same as in B. S. course in chem. |
| | | B. S. in Nat. Hist. | Freshman: Same as in B. S. course in chem. Junior: Org. chem., qual. anal. | Same as in B. S. course in chem. |
| | | B. S. in Biology. | Freshman: Same as in B. S. course in chem. Junior: Org. chem., qual. anal. Senior: Physiological chem., org. and theoret. chem. | Same as in B. S. course in chem. |
| | | | | |
| 9 | Columbian University, Washington, D. C. | A. B. | Sophomore: Lectures and lab'y (Shepard). Senior: <i>Qual. and quant. anal.</i> | Freshman: Physics (Avery), lectures. |
| | | B. L. | | |
| | | B. S. | Same as in A. B. course | Same as in A. B. course |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History. | Technics. | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Sophomore: <i>Botany</i> (Gray). Junior: <i>Physiology</i> (Martin), <i>zoology</i> . Senior: <i>Pract. biology</i> . | Sophomore: <i>Physical geog.</i> (Geikie). Junior: <i>El. geology</i> (Le Conte), <i>mineralogy</i> (Dana, Brush). Senior: <i>Advanced geology</i> . | Junior: Constitution of U. S., <i>hist. of Eng. and France</i> , <i>U. S. hist.</i> Senior: <i>Pol. econ.</i> and <i>statistics</i> (Walker), <i>hist. of institutions</i> (Wilson's the State). Same as in A. B. course. | ..... | 6 |
| Freshman: <i>Botany</i> . Sophomore: <i>Zoology</i> . Junior: <i>Physiology</i> . Senior: Same as in A. B. course. | Freshman: <i>Physical geog.</i> Junior and Senior: Same as in A. B. course. | Same as in A. B. course. | ..... |  |
| Freshman: <i>Bot.</i> Sophomore: <i>Physiology</i> , <i>zoology</i> . Junior and Senior: <i>Pract. biology</i> . | Freshman: Same as in Ph. B. course. Sophomore: <i>El. geol.</i> , <i>mineralogy</i> . Junior: <i>Advanced geol.</i> | Same as in A. B. course. | ..... | 7 |
| Junior: <i>Botany</i> , <i>physiology</i> (Huxley). Senior: <i>Comp. anat. and histology</i> (Huxley and Martin's biology). | Junior: <i>Mineralogy and crystallography</i> . Senior: Same as in Junior and <i>petrography</i> , <i>geology</i> . | Junior: <i>El. pol. econ.</i> , <i>medieval hist.</i> , <i>Amer. hist.</i> Senior: <i>El. pol. econ.</i> , <i>advanced pol. econ.</i> , <i>finance</i> , <i>social science</i> , <i>industrial hist. of the U. S.</i> , <i>mod. econ. theories</i> , <i>law</i> , <i>Eng. hist.</i> , <i>hist. of Europe since 1879</i> , <i>medieval hist.</i> , <i>beginning of the middle ages</i>. | ..... |  |
| Freshman: <i>Bot.</i> (Gray). Senior: <i>Zoology</i> . | Freshman: <i>Physical geog.</i> Junior: <i>Mineralogy</i> . Senior: <i>Geology</i> (Dana), <i>mineralogy</i>. | ..... | Freshman: <i>Drawing</i> . Senior: <i>Metallurgy</i> . | 8 |
| Freshman: <i>Bot.</i> | Freshman: <i>Physical geog.</i> Senior: <i>Mineralogy</i> , <i>geology</i>. | ..... | Freshman and Junior: <i>Drawing</i> . Senior: <i>Drawing</i> , <i>field eng.</i> (Henck), <i>civil eng.</i> , <i>dynamics</i> , <i>hydraulics</i> . | |
| Same as in B. S. course in civil eng. | Freshman: Same as in B. S. course in chem. | ..... | Freshman: <i>Drawing</i> . Junior: <i>Drawing</i> , <i>mechanism</i> , <i>study of steam-engine</i> . Senior: <i>Applied mech.</i> , <i>designing</i> , <i>steam-engine</i> . | |
| Freshman and Junior: <i>Bot.</i> Senior: <i>Bot.</i> , <i>zoology</i> , <i>physiology</i> . | Freshman: <i>Physical geog.</i> Senior: <i>Geology</i>. | ..... | Freshman: <i>Drawing</i> . Senior: <i>Agriculture</i> , <i>meteorology</i> , <i>sanitary science</i> and <i>public health</i> , <i>heredity</i> and <i>stock breeding</i> . | |
| Freshman: <i>Bot.</i> Junior: <i>Bot.</i> , <i>zoology</i> , <i>physiology</i> , <i>embryology</i> . Senior: <i>Botany</i> , <i>anat. of vertebrates</i> (Huxley), <i>zoology</i> . | Freshman: Same as in B. S. course in chem. Junior: <i>Mineralogy</i> , <i>physical geog.</i> Senior: <i>Geology</i>. | ..... | Senior: <i>Meteorology</i> , <i>principles of breeding</i> , <i>laws of heredity</i> , <i>sanitary science</i> . | |
| Freshman: <i>Bot.</i> Junior: <i>Comp. anat.</i> and <i>histology</i> , <i>physiology</i> , <i>embryology</i> , <i>bot.</i> Senior: <i>Zoology</i> , <i>botany</i> . | Same as in B. S. course in chem. | ..... | Senior: <i>Principles of breeding</i> , <i>laws of heredity</i> , <i>sanitary science</i> . | |
| Junior: <i>Physiology</i> , <i>zoology</i> . | Junior: <i>Geology</i> | Senior: <i>Pol. econ.</i> (Wayland), <i>international law</i> (Gallaudet), <i>lect. on the successive evolutions of civilization and on the phil. of hist.</i> | ..... | 9 |
| Same as in A. B. course | Same as in A. B. course | Same as in A. B. course. | ..... |  |
| Same as in A. B. course | Same as in A. B. course | Same as in A. B. course. | ..... |  |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|-----------------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10 | Corcoran Scientific School, Washington, D. C. | B. S. | Freshman: Org. and inorg. chem. Senior: Indust. chem. (lectures). | Sophomore: Physics (lectures), mech. Junior: Mech. |
| | | C. E. | Freshman: Same as in B. S. course. | Same as in B. S. course. |
| | | B. S. in Chem. or Metallurgy. | Freshman: Chem. (lectures). Sophomore: Qual. anal. Junior: Quant. anal., volumetric anal. Senior: Indust. chem., org. anal., assaying. | Sophomore: Physics (lectures). |
| 11 | Georgetown University, Washington, D. C. | A. B. | Sophomore: Chem. (Avery). Junior: Qual. anal., lab'y work. | Senior: Physics (Ganot), electricity and magnetism (Thompson). |
| 12 | Howard University, Washington, D. C. | A. B. | Junior: Chem. | Sophomore: Physics. |
| 13 | University of Georgia, Athens, Ga. | A. B. | Junior: Gen. chem. Senior: Indust. and agr. chem. | Junior: El. mech., hydrostatics, pneumatics, acoustics, heat (Ganot). Senior: optics, magnetism, elec., meteorology, astronomy (Holcomb and Holden). |
| | | B. S. | Same as in A. B. course. | Junior: Same as in A. B. course and physical lab'y. Senior: Same as in A. B. course and mech. (Parkinson), phys. lab'y. |
| | | Ph. B. | Same as in A. B. course. | Same as in A. B. course. |
| | | B. Agr. | Junior: Chem. Senior: Indust. chem., agr. chem., agr. anal. | Junior: Physics, mechanics of solids, liquids, and gases, acoustics, heat. Senior: Light, magnetism, elec., meteorology. |
| | | B. C. E. | Junior: Chem. Senior: Indust. chem., lab'y work. | Same as in B. Agr. course and phys. lab'y work. |
| | | B. C. S. | Junior: Gen. chem., lab'y work. Senior: Indust. chem., lab'y work. | Same as in B. Agr. course. |
| 14 | Atlanta University, Atlanta, Ga. | A. B. | Junior: Chem. | Junior: Peck's Ganot. |
| 15 | Emory College, Oxford, Ga. | A. B. | Senior: Chem. (Eliot and Storer). | Junior: Physics (Snell's Olmsted). |
| | | B. S. | Third year: Same as in A. B. course. | Second year: Same as in A. B. course. |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Sophomore: Bot. Junior: Zoology. Senior: Anthropology. Sophomore: Bot..... | Sophomore: Mineralogy. Junior: Geology. Same as in B. S. course | Junior: Hist. Senior: Const. hist., international law. Junior: Hist. of civilization. | Freshman: Mech. drawing. Junior: Meteorology. Freshman: Mech. drawing. Junior: Drawing, strength of materials. Senior: Engineering, metallurgy, construction. | 10 |
| ..... | Sophomore: Mineralogy (lectures). Junior: Geology. | ..... | Freshman: Mech. drawing. Junior: Meteorology. Senior: Metallurgy, construction of furnaces, building materials. | 11 |
| ..... | Senior: Geology (Le Conte). | Freshman: Hist. of England (Burke's Lingard's). Sophomore: Hist. of U. S. (Stephens), church hist. Junior: Hist. of const. of U. S., church hist. | ..... | 12 |
| Sophomore: Botany (Gray). Junior: Anat. and Physiology (Hitchcock), Zoology (Orton). | Junior: Mineralogy (Winchell). Senior: Geology (Winchell). | Junior: Gen. hist. Senior: Int. law (Gauldet), science of gov. (Alden), polit. econ. (Chapin's Wayland). | ..... | 13 |
| Junior: Gen. biology. Senior: Animal and veg. physiology, embryology. | Junior and Senior: Mineralogy and geology. | Freshman: U. S. hist. (Stephen). Sophomore: Dr. Smith's hist., concise hist. of France (Guizot). Senior: Polit. econ. (Wayland), parliamentary law (Mell), hist. of Rome (Liddell), hist. of Greece (Smith). | ..... | 14 |
| Same as in A. B. course. | Junior and Senior: Geology. | Freshman and Sophomore: Same as in A. B. course. | ..... | 15 |
| Same as in A. B. course. | Same as in B. S. course. | Freshman and Sophomore: Same as in A. B. course. Senior: Polit. econ., parliamentary law. | ..... | 16 |
| Junior: Biology..... | Junior and Senior: Mineralogy and geology. | Freshman: Hist. Sophomore: Hist. | Freshman: Drawing. Sophomore: Geometrical drawing. Junior: Agr. Senior: Agr., rural engineering. | 17 |
| ..... | Same as in B. Agr. course. | ..... | Freshman and Sophomore: Same as in B. Agr. course. Junior: Drawing. Senior: Engineering. | 18 |
| Same as in B. Agr. course. | Same as in B. Agr. course. | ..... | ..... | 19 |
| ..... | Junior: Geology (Le Conte). | Senior: Polit. econ. (Wayland), hist. of civilization (Guizot). Senior: Polit. econ., parliamentary law (Roberts). | ..... | 20 |
| Senior: Physiology (Hooker). | Senior: Geology (Dana). | Third year: Polit. econ. | Senior: Civil engineering. | 21 |
| Third year: Same as in A. B. course. | Third year: Same as in A. B. course. | Third year: Polit. econ. | Third year: Same as in A. B. course. | 22 |

TABLE 23.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|-------------------------------------------------|-------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------|
| 16 | Illinois Wesleyan University, Bloomington, Ill. | A. B. | Junior: Chem | Sophomore: <i>Physics</i> |
| | | B. S. | Same as in A. B. course | Same as in A. B. course |
| | | Ph. B. | Sophomore: Chem. Junior: lab'y work., chem. | Same as in A. B. course |
| 17 | Northwestern University, Evanston, Ill. | A. B. | Junior and Senior: <i>Chem</i> | Junior: Mech., heat and sound, light, <i>pract. physics</i> . Senior: <i>Electricity, pract. physics</i> . |
| | | Ph. B. | Same as in A. B. course | Same as in A. B. course |
| | | B. S. | Sophomore: Chem. Junior: <i>Chem.</i> | Junior: Same as in A. B. course |
| | | B. L. | Same as in A. B. course | Junior: Mech., heat, sound, light. |
| 18 | Knox College, Galesburg, Ill. | A. B. | Junior: Chemistry | Sophomore and Junior: Snell's Olmsted. |
| | | B. S. | Same as in A. B. course | Same as in A. B. course |
| 19 | Illinois College, Jacksonville, Ill. | A. B. | Junior: Chemistry (Remsen) . | Junior: Physics |
| | | Ph. B. | Sophomore: Chemistry | Same as in A. B. course |
| | | B. S. | Junior: Chemistry, laboratory work. | Same as in A. B. course and lab'y work. |
| 20 | Lake Forest University, Lake Forest, Ill. | A. B. | Junior: Chemistry. Senior: <i>Chemistry</i> . | Junior: Mechanics, acoustics, heat, optics. Senior: Electricity, <i>exp. physics</i> . |
| | | B. S. | Sophomore: Chemistry | Junior: Mechanics, acoustics, heat, optics, electricity, Senior: <i>Exp. physics</i> . |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----|
| Freshman: Physiology. Sophomore: Zoölogy. | Senior: Mineralogy, geology. | Freshman and Sophomore: Gen. hist. Junior: Hist. of civilization, polit. econ. Senior: Int. law, hist. of art. | ..... | 16 |
| Freshman: Physiology, struct. botany. Sophomore: Zoölogy. | Same as in A. B. course. | Freshman: Civil government, gen. hist. Sophomore, Junior, and Senior: Same as in A. B. course. | | |
| Freshman: Microscopy, physiology, struct. botany. Sophomore: Zoölogy. | Same as in A. B. course. | Freshman: Amer. hist., civil government, hist. of Constitution, gen. hist. Sophomore: <i>Modern European hist.</i> , gen. hist., hist. of civilization, polit. econ. Junior: <i>Modern European hist.</i> | ..... | 17 |
| Sophomore: Comp. zoology, botany. Junior: Zoölogy. Senior: Biology. | Junior: <i>Geology, mineralogy.</i> Senior: <i>Geology.</i> | Junior: <i>Hist.</i> Senior: Polit. econ., hist. of civilization, <i>hist. polit. econ., const. law, international law.</i> | ..... |  |
| Sophomore: Comp. zoology, botany. Junior: Zoölogy. Senior: Biology. | Same as in A. B. course. | Same as in A. B. course | | |
| Sophomore: Comp. zoology, struct. botany, microscopy, anat. Junior: Zoölogy. Senior: Biology. | Junior: Geology, mineralogy. Senior: Geology. | Same as in A. B. course. | | |
| Same as in Ph. B. course. | Junior: Same as in B. S. course. Senior: <i>Geology.</i> | Junior: Hist., <i>hist.</i> Senior: Hist. of civilization, <i>polit. econ., hist. const. law, international law.</i> | ..... | 18 |
| Junior: Anat. and physiology (Huxley and Youmans), Botany (Gray). Senior: Zoölogy (Tenney). Same as in A. B. course | Senior: Geology (Dana) | Senior: Polit. econ., int. law, const. hist. | ..... |  |
| ..... | Same as in A. B. course | Sophomore: Eng. hist. Senior: Same as in A. B. course. | ..... | 19 |
| Junior: Anat. and physiology. | Junior: Geol. or mineralogy (Dana). | Junior: Eng. hist. Senior: Polit. philos., polit. science. | ..... |  |
| Freshman: Advanced botany, plant physiology and histology, anat. and physiology, cryptogamic botany. Sophomore: Biology, invertebrate zoölogy, entomology, microscopy. | Same as in A. B. course | Sophomore: Gen. hist. Junior and Senior: Same as in A. B. course. Freshman: Gen. hist. Junior and Senior: Same as in A. B. course. | | |
| Junior and Senior: Biology. | Senior Geology | Freshman: Ancient hist. Junior: Medieval hist., <i>Eng. hist., French hist., U. S. hist.</i> Senior: Economics, hist. of government, <i>hist. of civilization, hist. of art, economics, Rom. law.</i> | ..... | 20 |
| Freshman: Gen. biology, comp. anat. and physiology of invertebrates, struct. and development of plants. Sophomore: Comp. anat. and physiology of vertebrates, embryology. Junior and Senior: Same as in A. B. course. | Senior: Geology | Same as in A. B. course. | | |

TABLE 23.—*Courses of study in colleges*

NOTE—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|--------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 21 | University of Illinois, Urbana, Ill. | A. B. | Junior: Chem..... | Junior: Physics |
| | | B. L. | Junior: Chem..... | Same as in A. B. course..... |
| | | B. S. in Agr. | Freshman: Chem. Sophomore: Agr. chem., lab'y work. Senior: Lab'y work. | Junior: Physics |
| | | B. S. in Mech. | Junior: Chem..... | Same as in A. B. course..... |
| | | B. S. in Civ. Eng. | Same as B. S. in mech. eng..... | Same as in A. B. course..... |
| | | B. S. in Min. Eng. | Freshman and Sophomore: Chem. Junior: Assaying. | Sophomore: Physics..... |
| | | B. S. in Arch. | Same as in A. B. course..... | Same as in A. B. course..... |
| | | B. S. in Chem. | Freshman: Gen. and applied chem., org. chem., lab'y practice. Sophomore: Agr. chem., lab'y work. Junior and Senior: Lab'y work. | Same as in A. B. course..... |
| | | B. S. in Nat. Hist. | Freshman: Chem..... | Junior: Same as in A. B. course |
| 22 | DePauw University, Greencastle, Ind. | A. B. | Junior: El. chem..... | Junior: Mechanics, acoustics, heat, and magnetism (Olmsted's College Philosophy), hydrostatics, pneumatics, optics, electricity. Senior: Lab'y work. |

and universities.—PART II—Continued.

Italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Sophomore: Physiology, zoölogy. | Senior: Physiography, geology. | Junior: Ancient hist., mediæval hist., modern hist. Senior: Hist. of civilization, const. hist., polit. econ. | | 21 |
| Sophomore: Physiology or botany, zoölogy or botany. | Senior: Geology..... | Same as in A. B. course. | Freshman: Free-hand drawing. | |
| Freshman: Entomology. Sophomore: Botany, zoölogy, veg. physiology. Junior: Anat. and physiology. | Junior: <i>Geology</i> . Senior: Physiography. | Senior: Hist. of civilization, const. hist., polit. econ., hist. of agriculture and rural law. | Freshman: <i>Free-hand drawing</i> . Junior: Agr. engineering, arch., animal husbandry, veterinary science, landscape gardening. | |
| ..... | ..... | Senior: Const. hist., polit. econ. | Freshman: Shopwork, drawing. Sophomore: designing and construction of machines, engineering materials. Junior: Mechanism. Senior: Heat engines, drawing, hydraulic engines and wind wheels, dynamo-electric machinery, millwork. | |
| ..... | Same as in B. L. course | Same as in B. S. in Mech. Eng. | Freshman: Shopwork, drawing. Sophomore: theory of instruments. Junior: Railroad eng., resistance of materials. Senior: Mine attacks, bridges, stone work, bridge construction. | |
| ..... | Junior: Mineralogy, geology. Senior: eng. geology. | Same as in B. S. in Mech. Eng. | Freshman: Drawing. Sophomore: Theory of instruments. Junior: Mine attack, metallurgy, resistance of materials. Senior: Mine engin., heat engines, mine administration, hydraulic engines and wind wheels. | |
| | | Senior: Same as in A. B. course. | Freshman: Drawing, shop practice. Sophomore: Construction, drawing, modeling, designing, sketching. Junior: Drawing, hist. of arch. Senior: Esthetics of arch., designing. | 22 |
| Freshman: Physiology or bot., microscopy, veg. physiology. | Junior: Mineralogy. Senior: Geology. | Same as in B. S. in Mech. Eng. | Freshman: Drawing. | |
| Freshman: Entomology. Sophomore: Zoology, bot., veg. physiology. Junior: Anat. and physiology. Senior: Biology, microscopy. | Junior: Mineralogy, geology. | Same as in A. B. course. | Same as in B. S. in Chem. | |
| Junior: <i>Botany</i> , zoology, <i>physiology</i> . Senior: <i>Botany</i> , zoology, <i>physiology</i> . | Senior: <i>Mineralogy</i> ... | Sophomore: Ancient, mediæval, and modern hist. Junior: <i>Const. hist. of U. S.</i> , Federal and State const. (Andrews), theory of the state (Bluntschli). Senior: Pol. econ. (Thompson), int. law (Woolsey), hist. of civilization (Guizot) | ..... |  |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|--------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 22 | DePauw University, Greencastle, Ind.— Continued. | Ph. B. | Freshman: El. chem. Junior: Qual. anal., <i>quant. anal.</i> | Same as in A. B. course |
| | | B. S. | Same as in Ph. B. course..... | Same as in A. B. course..... |
| | | B. L. | Junior: <i>El. chem</i> | Junior: <i>Mech., acoustics, heat, magnetism, hydrostatics, pneumatics, optics, elec.</i> Senior: <i>Lab'y work.</i> |
| 23 | Purdue University, La Fayette, Ind. | B. S. in Agr. | Junior: Gen. chem. Senior: <i>Chem.</i> | Sophomore: El. physics; dy- namics, heat, elec., sound, light. |
| | | B. M. E. ... | Same as in B. S. course in Agr. | Sophomore: Physics. Junior: Heat. Senior: <i>Applied elec- tricity.</i> |
| | | B. C. E. ... | Junior: Gen. chem. | Sophomore: Physics |
| | | B. S. in Sci- ence. | Junior: Gen. chem., lab'y work, <i>qual. anal.</i> Senior: <i>Qual. anal., quant. anal., org. chem.</i> | Sophomore: Same as in B. S. course in Agr. Junior: <i>Pract. physics.</i> Senior: <i>Ap- plied elec.</i> |
| | | B. S. in Ind. Art. | Junior: Gen. chem. | Same as in B. S. course in Agr. |
| 24 | Rose Polytechnic Institute, Terre Haute, Ind. | B. S. | Freshman: El. chem. Soph- omore: Chem. and chem. lab'y. Senior: Chem. tech- nology. | Freshman: El. physics. Jun- ior: Sound, light, heat, and elec. Senior: Thermody- namics, lab'y work. |
| 25 | University of Notre Dame, Notre Dame, Ind. | A. B. | Junior: Theoretical chem., inorg. chem. | Junior: Physics, mechanics, acoustics, heat, optics, mag- netism, electricity. |
| | | B. S. | Junior: Same as in A. B. course. Senior: Analyt. chem. | Junior: Same as in A. B. course. Senior: Gen. phys- ics. |
| 26 | Iowa College, Grin- nell, Iowa. | A. B. | Junior: Analyt. chem. | Sophomore: Physics, me- chanics. |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Same as in A. B. course | ..... | Same as in A. B. course. | ..... | 22 |
| Same as in A. B. course Junior: <i>Bot., zoology, physiology.</i> Senior: Same as in A. B. course. | Same as in A. B. course. | Same as in A. B. course. Same as in A. B. course. | | |
| Freshman: Bot. Sophomore: Bot., zoology. Junior: Economic bot., entomology, bot., zoology. Senior: Human physiology, bot., zoology. | Senior: Geology..... | Sophomore: Hist. Junior: <i>Hist.</i> Senior: <i>Political economy.</i> | Freshman: Elements of agr., drawing, shopwork. Sophomore: Agr., hort., vet. science. Junior: Agr., hort., vet. science, <i>shopwork.</i> Senior: Agr., hort., vet. science. | 23 |
| ..... | ..... | Sophomore: Hist. Senior: Polit. econ. | Freshman: Mechanical draw., shopwork. Sophomore: Mech. draw., shopwork. Junior: Prin. of mechanism, mech. draw., metallurgy. Senior: Steam engine, boilers, strength of materials, machine design, mech. draw., exp. work in engineering. | |
| ..... | Senior: Geology | Same as in B. M. E. course. | Freshman: Same as in B. M. E. course. Sophomore: Mech. draw., field practice. Junior: Roads and railroads, stereotomy, prin. of mech., mech. draw., metallurgy. Senior: Graphical and analrt. statics, mech. of engineering, geodesy, roads and pavements, engineering designing, steam engine. | |
| Freshman: Bot. Sophomore: Zoology, bot. Junior: <i>Bot., zoology.</i> Senior: Human physiology, bot., zoology. Senior: Human physiology. | Senior: Geology | Sophomore and Junior: Hist. Senior: Polit. econ. | Freshman: Drawing. | |
| ..... | Same as in B. S. course in Science. | Sophomore: Hist. Junior: <i>Hist.</i> Senior: Polit. economy. | Industrial art throughout the course. | |
| ..... | Sophomore: Mineralogy. Senior: Geology. | Senior: Constitution of the U. S. | Freshman: Free-hand draw., practice, mech. draw. Sophomore: Free-hand and mech. draw., practice. Junior: Mech. draw., practice. Senior: practice. | 24 |
| Sophomore: Human anat., physiology and hygiene (Martin). Junior: Botany (Bessey), practice in plant analysis (Kellerman). | Senior: Geology and paleontology (Dana). | Freshman: Modern hist. Sophomore: Hist. of England (Burke's Lingard). Senior: Phil. of hist. | ..... | 25 |
| Freshman: Anat., physiology, hygiene, microscopy, zoology (Holder), biological lab'y. Sophomore: Bot., lab'y work, cellular biology. | Junior: Mineralogy (Collins), lab'y work. Senior: Same as in A. B. course. | Same as in A. B. course. | Freshman and Sophomore: Drawing. | |
| Freshman: <i>Bot.</i> Senior: Zoology. | Senior: Geology | Sophomore and Junior: <i>Hist.</i> Senior: <i>Polit. econ., international law.</i> | Senior: <i>Didactics, æsthetics.</i> | 26 |

TABLE 23.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|-----------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26 | Iowa College, Grinnell, Iowa—Continued. | B. S. | Freshman: <i>Analyt. chem.</i> Sophomore: <i>Quant. anal.</i> | Sophomore: Same as in A. B. course. Junior: Lab'y work. |
| | | B. L. | Same as in A. B. course. | Sophomore: <i>Mechanics, physics.</i> |
| 27 | State University of Iowa, Iowa City, Iowa. | A. B. | Junior and Senior: <i>Chem.</i> | Sophomore: <i>Physics, mechanics, heat, magnetism, elec., sound, light.</i> Junior: <i>Physics.</i> |
| | | B. S. | Junior: Gen. exp. chem., gen. chem., lab'y work, qual. anal. Senior: <i>Chem., theoret. and pract. chem.</i> | Sophomore: <i>Mechanics, heat, magnetism, elec., sound, light.</i> Junior and Senior: <i>Physics.</i> |
| | | Ph. B. | Same as in A. B. course. | Same as in A. B. course. |
| | | C. E. | Junior: <i>Chem.</i> | Sophomore: Same as in B. S. course. Junior: Advanced mechanics. |
| 28 | University of Kansas, Lawrence, Kans. | B. S. in Gen. Science. | Freshman: <i>Chem. (Remsen), lab'y work.</i> Sophomore: <i>Qual. anal. (Bailey).</i> Junior and Senior: Optional. | Junior and Senior: Optional. |
| | | B. S. in Lat. Scientific Course. | Same as in B. S. course in gen. sci. | Same as in B. S. course in gen. sci. |
| | | A. B. | Freshman: <i>Chem. lab'y work.</i> Junior and Senior: Optional. | Same as in B. S. course in gen. sci. |
| | | A. B. in Mod. Lit. | Same as in A. B. course. | Same as in B. S. course in gen. sci. |
| | | B. C. E. | Freshman and Sophomore: <i>Chem. (Remsen, Bailey).</i> | Sophomore: <i>Physics.</i> Junior: <i>Hydro-mechanics.</i> |
| | | B. S. in Elec. Eng. | Freshman: <i>Gen. chem.</i> Sophomore: <i>Qual. anal., chem. of the metals.</i> | Freshman: <i>Lab'y practice.</i> Sophomore: <i>Mech., sound, static. elec., magnetism, heat, light.</i> Junior: <i>Thermodynamics, elec. measurements, magnetic measurements, chemical physics.</i> Senior: <i>Math. theory of elec. and magnetism, lab'y work, photometry.</i> |
| 29 | Kansas State Agricultural College, Manhattan, Kans. | B. S. | Second year: <i>El. chem. (Remsen), org. chem., analyt. chem.</i> Third year: <i>Agr. chem.</i> | Third year: <i>Mechanics (Peck), physics.</i> Fourth year: <i>physics.</i> |
| 30 | Washburn College, Topeka, Kans. | A. B. | Sophomore: <i>Gen. chem.</i> Junior: <i>Analyt. chem., qual. anal.</i> Senior: <i>Quant. anal., analysis of ores.</i> | Junior: <i>Properties of matter, forces, liquids, gases, sound, elec., magnetism, heat, light.</i> Senior: <i>Pract. physics.</i> |
| | | B. S. | Same as in A. B. course. | Same as in A. B. course. |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: Microscopy, botany. Sophomore: Zoölogy. | Same as in A. B. course | Sophomore: <i>Hist.</i> Junior: <i>Hist.</i> Senior: <i>Polit. econ., international law.</i> | Senior: Didactics, aesthetics. | 26 |
| Freshman: Botany. Sophomore: Zoölogy. Freshman and Sophomore: Bot. Junior: Bot., biology, zoölogy, physiology, comp. anat. | Same as in A. B. course | Same as in B. S. course | Same as in B. S. course | |
| | Junior: <i>Geology.</i> Senior: <i>Geology, paleontology.</i> | Sophomore: <i>Grecian hist., Rom hist., mediæval and mod. hist.</i> Junior: <i>Eng. hist., const. law, int. law.</i> Senior: <i>Amer. hist., polit. science, Eng. const. hist., pol. econ.</i> | Senior: <i>Didactics</i> | 27 |
| Freshman: Bot. Sophomore: Bot. Junior: Biology, bot., physiology, comp. anat., histology, systematic zoölogy. Senior: Bot. Same as in A. B. course | Same as in A. B. course | Junior: <i>Mediæval and modern hist., Eng. hist., Eng. const. hist.</i> Senior: <i>Amer. hist., polit. econ., polit. science.</i> | Junior: <i>Engineering, drawing.</i> Senior: <i>Didactics, engineering, draughting.</i> | |
| | Same as in A. B. course | Same as in A. B. course | Same as in A. B. course. Freshman: Free-hand draw. Sophomore: Draw., roads, streets, and pavements. Junior: Railway location and drawing, engineering. Senior: Engineering. | |
| Freshman: Bot. Sophomore: Bot., zoölogy. Junior and Senior: Optional. | Junior and Senior: Optional. | Junior and Senior: Optional. | Junior and Senior: Optional. | 28 |
| Freshman: Bot. Sophomore: Bot., zoölogy. Junior and Senior: Optional. | Same as in B. S. course in gen. science. | Same as in B. S. course in gen. sci. | Same as in B. S. course in gen. sci. | |
| Freshman: Bot. Sophomore: Zoölogy. Junior and Senior: Optional. Same as in A. B. course. | Same as in B. S. course in gen. science. | Same as in B. S. course in gen. sci. | Same as in B. S. course in gen. sci. | |
| Freshman: Bot. | Same as in B. S. course in gen. science. Senior: Mineralogy, geology. | Same as in B. S. course in gen. sci. | Same as in B. S. course in gen. sci. | |
| | | | Freshman: Drafting. Sophomore: Drafting, field engineering. Junior: Drafting, roads, streets, and pavements; resistance of materials. Senior: Engineering. | |
| | | | Freshman: Drafting. Sophomore: Drafting, pract. photography and blueprinting. Junior: Electro-dynamic machinery, machine construction, resistance of materials. | |
| First year: Bot. (Kellerman). Second year: Entomology. Third year: Anat., physiology. Fourth year: Zoölogy and vet. science, struct. bot. | Second year: Mineralogy (Dana). Fourth year: Geology. | First year: U. S. hist. Third year: Gen. hist. Fourth year: U. S. constitution, polit. econ. | First year: Drawing. Second year: horticulture, agr. or household econ., drawing, military science. Third year: Civil eng., drawing. Fourth year: Agr. | 29 |
| Junior: Zoölogy. Senior: Anat. of invertebrates, anat. of vertebrates, biology. | Senior: Geology (Le Conte), field and laboratory work. | Junior: <i>Polit. econ.</i> (Wayland, Chapin). Senior: <i>Hist. of art.</i> | | 30 |
| Freshman: Bot. Sophomore: Zoölogy. Junior: Anat. of invertebrates, anat. of vertebrates, biology. Senior: Biology. | Same as in A. B. course. | Freshman: Hist. of mediæval and modern times (Myers). Junior and Senior: Same as in A. B. course. | Sophomore: Mech. drawing. | |

TABLE 22.—*Courses of study in colleges*

NOTE—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|--------------------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 30 | Washburn College, Topeka, Kans.— Continued. | B. L. | Same as in A. B. course..... | Same as in A. B. course..... |
| 31 | Georgetown College, Georgetown, Ky. | A. B. | Second year: Chem..... | Fourth year: Physics..... |
| | | B. S. | Second year: Chem..... | Same as in A. B. course..... |
| 32 | Kentucky Univer- sity, Lexington, Ky. | A. B. | Junior: Chem. Senior: <i>Ana- lyt. chem.</i> | Freshman: Physics..... |
| | | B. S. | Junior: Chem. Senior: <i>Ana- lyt. chem.</i> | Same as in A. B. course..... |
| 33 | Central University, Richmond, Ky. | A. B. | Sophomore: Chem. of non- metals. (Harris' Lecture Notes, Thorpe's Chem. Prob- lems). Junior: <i>Chem. of metals, indus. chem., qual. anal.</i> (Harris), <i>org. chem.</i> (Remsen). | Junior: Physics (Gage), mech. (Dana). |
| | | B. S. | Sophomore: Same as in A. B. course. Junior: Chem. of metals, indus. chem., qual. anal., <i>org. chem.</i> Senior: <i>Chem. technology.</i> | Same as in A. B. course..... |
| 34 | Tulane University of Louisiana, New Orleans, La. | Classical A. B. | Junior: Org. and inorg. chem. (Bloxam). | Sophomore: Kimball's Olm- sted's Natural Philosophy. |
| | | Literary A. B. | Same as in classical course ... | Same as in classical course ... |
| | | Scientific B. S. | Junior: Same as in classical course. Senior: Qual. anal., quantitative, gravimetric, and volumetric analysis, <i>org.</i> <i>anal., chem. lab'y.</i> | Sophomore: Same as in class- ical course. Junior and Sen- ior: Phys. lab'y. |
| | | Engineer- ing B. S. | Junior: Same as in classical course. | Sophomore and Junior: Same as in scientific course. |
| 35 | Bowdoin College, Brunswick, Me. | A. B. | Junior: Chem., lab'y. work. Senior: Quant. anal., <i>org.</i> <i>chem.</i> | Sophomore: Mech., hydro- statics, pneumatics, sound (Gaut), heat, light, elec., magnetism. Junior: <i>Phys- ics.</i> |
| 36 | Bates College, Lew- iston, Me. | A. B. | Junior and Senior: Chem. (Eliot and Storer). | Junior: Mech. (Olmsted), nat. phil. (Olmsted). |
| 37 | Colby University, Waterville, Me. | A. B. | Junior: Chem | Junior: Physics, <i>lab'y work..</i> |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineral- ogy. | History and political economy. | Technics. | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|----|
| Sophomore: <i>Bot.</i> Junior: <i>Zoology, anat. of vertebrates, biology.</i> Senior: <i>Biology.</i> Fourth year: <i>Physiology, zoology, botany.</i> | Same as in A. B. course. | Sophomore: Same as in Freshman in B. S. course. Junior: <i>Polit. econ., hist. of art.</i> Third year: <i>Hist.</i> Fourth year: <i>Polit. econ., polit. science.</i> | ..... | 30 |
| Second year: <i>Physiology, zoology.</i> Fourth year: <i>Botany.</i> | Fourth year: <i>Geology.</i> | First year: <i>Commercial law.</i> Second year: <i>Hist.</i> Third year: <i>Polit. econ., polit. science.</i> | Second year: <i>Engineering.</i> | 31 |
| Freshman: <i>Anat., physiology.</i> Junior: <i>Zoology, botany.</i> | First year: <i>Physical geog.</i> Fourth year: <i>Geology.</i> | Freshman: <i>Hist. of England.</i> Senior: <i>Polit. econ. (Wayland), civil government (Alden).</i> | Third year: Same as in second year in A. B. course. | 32 |
| Same as in A. B. course. | Senior: <i>Mineralogy, geology.</i> | Same as in A. B. course. | ..... |  |
| Junior: <i>Physiology.</i> Senior: <i>Biology, botany, physiology.</i> | Same as in A. B. course. | Junior: <i>Rom. hist., European hist.</i> Senior: <i>Polit. econ., Eng. hist., U. S. hist., U. S. constitutional and political hist.</i> | Junior: <i>Civil eng.</i> | 33 |
| Freshman: <i>Botany.</i> Sophomore: <i>Zoology.</i> | Junior: <i>Geology (Dana).</i> Senior: <i>Geology.</i> | Freshman: <i>Ancient hist., Greek and Rom. hist.</i> Junior and Senior: Same as in A. B. course. | Same as in A. B. course. | |
| ..... | Freshman: <i>Phys. geog.</i> Junior and Senior: Same as in A. B. course. | Junior: <i>Montgomery's Leading Facts of Eng. Hist., McCarthy's Our Own Times.</i> Senior: <i>Hist. of Civilization (Guizot), int. law (Woolsey), phil. of hist. (Hegel), sociology (Spencer), democracy in America (De Toqueville).</i> | ..... | 34 |
| Senior: <i>Biology, botany, zoology.</i> Freshman and Sophomore: <i>Biology.</i> Senior: <i>Biological lab'y.</i> | Junior: <i>Geology (Dana).</i> Same as in literary course. | Same as in classical course. | Freshman: <i>Drawing, manual training.</i> | |
| Freshman: <i>Biology</i> ... | Same as in literary course. | Same as in classical course. | Freshman and Sophomore: <i>Manual training and drawing.</i> Junior: <i>Manual training.</i> Senior: <i>Special technical work.</i> | |
| Freshman: <i>Physiology.</i> Sophomore: <i>Botany (Gray).</i> Junior: <i>Biology (Sedgwick and Wilson), zoology (Packard), physiology (Martin).</i> Senior: <i>Physiology and histology.</i> | Junior: <i>Mineralogy.</i> Senior: <i>Mineralogy, geology (Le Conte).</i> | Junior: <i>Eng. hist., modern hist.</i> Senior: <i>Amer. hist., constitutional law (Cooley).</i> | ..... | 35 |
| Junior: <i>Comp. zoology (Orton), botany (Gray).</i> | Senior: <i>Geology (Dana).</i> | Freshman: <i>Hist.</i> Junior: <i>Polit. econ. (F. A. Walker).</i> | ..... | 36 |
| Freshman: <i>Physiology.</i> Sophomore: <i>Botany, physiology.</i> | Junior: <i>Mineralogy.</i> Senior: <i>Petrography, geology, historical geology.</i> | Sophomore: <i>Greek hist.</i> Junior: <i>Hist. of European civilization, polit. econ., the era of the Protestant revolutions.</i> Senior: <i>The French Revolution, const. hist. of the U. S.</i> | ..... | 37 |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|-------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 38 | St. John's College, Annapolis, Md. | A. B. | Junior: <i>Chemistry</i> . Senior: <i>Chem., qual. anal., metals, org. chem.</i> | • |
| | | B. L. | Junior: Chem. Senior: Chem., qual. anal., metals, org. chem. | Sophomore: Mech., hydrostatics, hydrodynamics, pneumatics, sound, heat, light (Ganot). Junior: Elec. |
| | | B. S. | Same as in B. L. course..... | Same as in B. L. course |
| | | M. E. | Same as in B. L. course..... | Same as in B. L. course |
| 39 | Johns Hopkins University, Baltimore, Md. | Classical . | Third year: Chem. (elective with physics or biology). | Third year: Physics (elective with chem. or biology). |
| | | M a t h . . Phys. | Third year: Gen. chem., lab'y work. | Second year: El. mech, heat, elec., magnet., sound, light, lab'y work. Third year: mech., el. thermodynamics, el. theory of elec. and magnet., sound, light, lab'y work. |
| | | Chem.-Bi- ology. | First year: Gen. chem, lab'y work. Second year: Inorg. chem., chem. of carbon compounds, lab'y work. | First year: Same as second year in mathematical-physical course. |
| | | P h y s . - Chem. | Second and third years: Same as in first and second years in chem.-biolog. course. | Same as in math.-phys. course. |
| | | Lat.-Math. | Same as in classical course.... | Same as in classical course ... |
| | | Hist.-Pol.. | Same as in classical course ... | Same as in classical course ... |
| | | Mod.Lang. | Second year: Same as third year in classical course. | Second year: Same as third year in classical course. |
| 40 | Rock Hill College, Ellicott City, Md. | A. B. | Freshman: Chem. (Roscoe). Junior: Inorg. chem. (Eliot and Storer). Senior: Org. chem. | Freshman: El. mech., hydrostatics, pneumatics, heat (Gage). Sophomore: Heat, sound, magnet., elec., light. Junior: Chemical physics. |
| | | B. S. | Same as in A. B. course | Same as in A. B. course..... |
| 41 | Mount St. Mary's College, Mount St. Mary's, Md. | A. B. | Second year: Chem. (Avery).. | First year: El. physics (Avery). Third year: Physics (Avery). |

and universities.—PART II—Continued.

itics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----|
| | | Freshman: Grecian hist. (Smith), Rom. hist. (Smith). Sophomore: Ancient hist. (Myers), mediæval and modern hist. (Myers). Junior: Polit. econ. Senior: International law, const. law. | Senior: Military science and tactics. | 33 |
| | | Same as in A. B. course. | Same as in A. B. course. | |
| Freshman: Zoölogy, botany (Gray). Same as in B. S. course. | | Same as in A. B. course. | Same as in A. B. course. | |
| | | Freshman, Junior, and Senior: Same as in A. B. course. | Freshman, Sophomore, and Junior: Shop-work, drawing. Senior: Military science and tactics, drawing. | 39 |
| Third year: Biology (elective with chem. or physics). | First year: Physical geog. in relation to hist. Same as in classical course. | First year: Greek and Rom. hist. First year: Greek and Rom. hist. or outlines of European hist. | | |
| Second year: Gen. biology, human and comp. osteology, el. of embryology, plant analysis and el. of botany, lab'y work. Third year: Mammalian anat., animal physiology and histology, el. of zoölogy, lab'y work in physiology or zoölogy. | First year: Phys. geog. in relation to hist. Second year: Mineralogy. | Same as in math.-phys. course. | | |
| | Same as in chem-biology course. | Same as in math.-phys. course. | | |
| Same as in classical course. | Same as in classical course. | Same as in math.-phys. course. | | |
| Same as in classical course. | Same as in classical course. | First year: Same as in math.-phys. course. Second year: Church and Rom. Empire, Italy, Germany, France, Spain, and the Netherlands, el. and hist. of polit. econ. Third year: International law, Eng. const. hist., const. hist. of U. S. | | |
| Second year: Same as third year in classical course. | Same as in classical course. | First year: Hist. of England and of the U. S., Greek and Rom. hist., or outlines of European hist. | | |
| Junior: Botany (Gray). Senior: Botany. | Freshman: Physical geog. (Maury). | Freshman: Modern hist. (Fredet). Sophomore: Hist. of England (Lingard). Junior: Ancient hist. (Rawlinson). Senior: Polit. econ. | Freshman and Sophomore: Drawing. | 40 |
| Same as in A. B. course | Freshman: Same as in A. B. course. Senior: Mineralogy (Dana), geology. | Same as in A. B. course. | Freshman, Sophomore, and Junior: Drawing. Senior: Drawing, civil engineering. | 41 |
| | Fourth year: Molloy's Geology and Revelation. | First and second years: Hist. of the Church of God (Spalding). | | |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|---------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 42 | Amherst College, Amherst, Mass. | A. B. | Sophomore: <i>Chem. of non-metals</i> . Junior: <i>Metals, qual. anal., chem. forces, chem. physics, org. chem.</i> Senior: <i>Quant. anal., chem. theories and philosophy, org. anal. and synthesis.</i> | Junior: Mech. (Ganot), <i>acoustics, elec., light, heat.</i> |
| | | B. S. | Freshman and Sophomore: Chem. Junior: <i>Chem.</i> | Junior: Mech., acoustics, elec., light, heat. |
| 43 | Boston University, Boston, Mass. | A. B. | Junior: <i>Chem.</i> | Sophomore: Physics, <i>lab'y work.</i> |
| 44 | Massachusetts Institute of Technology, Boston, Mass. | B. S. in C. E. | First year: Gen. chem., chem. lab'y. Fourth year: Metallurgy of iron. | Second year: Physics. Third year: Heat, gen. statics, phys. lab'y. |
| | | B. S. in Mech. Eng. | Same as in B. S. in C. E. | Same as in B. S. course in C. E. |
| | | B. S. in Min. Eng. | First year: Same as in B. S. in C. E. Second year: Blowpipe silver assay. Third year: Assaying. | Same as in B. S. in C. E. |
| | | B. S. in Metallurgy. | First year: Same as in B. S. in C. E. Second year: Analyt. chem., <i>blowpipe silver assay, theoret. chem.</i> Third year: Analyt. chem., assay-ing, <i>indus. chem., indus. lab'y.</i> Fourth year: Analyt. chem., <i>analyt. chem.</i> | Second year: Physics. Third year: Heat, phys., lab'y, <i>gen. statics, electricity.</i> Fourth year: Heat measurements, electro-metallurgy. |
| | | B. S. in Arch. | First year: Same as in B. S. in C. E. | Second and third years: Same as in B. S. in C. E. Fourth year: Acoustics. |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: <i>physiology</i> . Sophomore: <i>Botany</i> (Gray). Junior: <i>Biology, zoology</i> (Packard). Senior: <i>Biology, zoology of vertebrates, Nicholson's zoology</i> . | Junior: <i>Mineralogy</i> . Senior: <i>Structural and dynamical geology, historical geology and paleontology, mineralogy</i> . | Junior: <i>Outline of ancient hist., mediæval Europe, the Renaissance, the Reformation, the Eng. and Fr. revolution, gen. hist. of the U. S.</i> Senior: <i>Polit. and const. hist. of the U. S., polit. econ., international law</i>. | ..... | 42 |
| Freshman: <i>Physiology</i> . Sophomore: <i>Botany</i> . Junior and Senior: Same as in A. B. course. | Same as in A. B. course | Junior: Same as in A. B. course. Senior: <i>Polit. econ.</i> | | |
| Sophomore: <i>Botany</i> . Junior: <i>Biology, zoology, physiology</i> . | Junior: <i>Geology</i> | Freshman: <i>Greek and Rom. hist.</i> Sophomore: <i>Hist., hist.</i> Junior: <i>Rom. law</i> . Senior: <i>Const. of the U. S., polit. econ., Rom. law</i>. | ..... | 43 |
| ..... | Second year: <i>Physical geog., mineralogy</i> . Third year: <i>Structural geology, historical geology</i> . | First year: <i>Political hist. since 1815</i> . Second year: <i>Polit. econ.</i> | First year: <i>Drawing, military drill</i> . Second year: <i>Drawing, principles of mechanism</i> . Third year: <i>eng., stereotomy, el. of construction, designing</i> . Fourth year: <i>Engineering</i> . | 44 |
| ..... | ..... | Same as in B. S. in C. E. | First year: Same as in B. S. in C. E. Second year: <i>Drawing, prin. of mechanism, shop-work, mechanism of mill and shop machinery, pattern work</i> . Third year: <i>Drawing, forging, steam engineering, slide valve, link motion, thermodynamics</i> . Fourth year: <i>Steam eng., hydraulics, dynamics of machines, machine design, eng. lab'y, shop work, marine eng., mill eng., locomotive construction</i> . | |
| ..... | Second year: <i>Determinative mineralogy, physical geog.</i> Third year: <i>Geology</i> . | Same as in B. S. in C. E. | First year: Same as in B. S. in C. E. Second year: <i>Drawing, prin. of mech.</i> Third year: <i>Mining, steam engineering, drawing, railroad engineering</i> . Fourth year: <i>Ore dressing, metallurgy, mining lab'y, dynamo machinery, engineering</i> . | |
| ..... | Second year: <i>Determinative mineralogy</i> . | Same as in B. S. in C. E. | First year: Same as in B. S. in C. E. Second year: <i>Prin. of mechanism, drawing</i> . Third year: <i>Steam eng., drawing, eng. lab'y</i> . Fourth year: <i>Dynamo machinery</i> . | |
| ..... | Third year: <i>Structural geology</i> . | Same as in B. S. in C. E. | First year: Same as in B. S. in C. E. Second year: <i>Arch. hist., pencil sketching, charcoal sketching, original design</i> . | |

TABLE 28.—*Courses of study in colleges*

NOTE—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|---------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 44 | Massachusetts Institute of Technology, Boston, Mass. —Continued. | | | |
| | | B. S. in Chem. | First year: Same as in B. S. in C.E. Second year: Analyt. chem., theoret. chem., blowpipe anal. Third year: Analyt. chem., lab'y work, indus. chem., theoret. chem., assaying, <i>sanitary chem., indus. chem.</i> Fourth year: Org. anal., org. chem., metallurgy, <i>sanitary chem., analyt. lab'y, org lab'y, indus. lab'y, metallurgical lab'y.</i> | Second year: Physics. Third year: Heat, phys. lab'y, <i>electricity.</i> Fourth year: Phys. lab'y, <i>physics.</i> |
| | | B. S. in Elec. Eng. | First year: Same as in B. S. in C.E. | Second year: Physics, mech., acoustics, elec., phys. lab'y. Third year: Heat, phys. lab'y, elec. Fourth year: Electrical testing, advanced physics, photometry, hydraulics, physical research, <i>phys. lab'y.</i> |
| | | B. S. in Biology. | First year: Same as in B. S. in C.E. Second year: Analyt. chem. Third year: Org. chem., sanitary chem. | Second year: Physics. Third year: Heat, phys. lab'y. |
| | | B. S. in Physics. | First year: Same as in B. S. in C.E. Second year: Analyt. chem., theoret. chem. Third year: Org. chem., theoret. chem. Fourth year: <i>Chem.</i> | Second year: Same as in B. S. in Elec. Eng. Third year: Heat, phys. lab'y, optics or <i>elec., physics.</i> Fourth year: Phys. lab'y, gen. physics, advanced physics, prin of scientific investigation, photography, photometry, thermodynamics, physical research, hist. of physical science. |
| | | B. S. in gen. studies. | First year: Same as in B. S. in C.E. | Second year: Physics. Third year: Heat, <i>phys. lab'y.</i> |

and universities.—PART II—Continued.

Italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | Third year: Drawing, sketching, designing, iron construction, stereotomy. Fourth year: Hist. of ornament, specifications, construction, modeling, sketching, drawing. |
| | Second year: <i>Phys. geog., mineralogy.</i> Third year: <i>Geology.</i> | Same as in B. S. in C. E. | First year: Same as in B. S. in C. E. |
| | | Same as in B. S. in C. E. | First year: Same as in B. S. in C. E. Second year: Prin. of mechanism, carpentry, wood-turning, draw., metal-turning. Third year: Steam eng., draw., eng. lab'y. Fourth year: Tech. applications of elec., steam eng., dynamics of machines, eng. lab'y, precision of measurements. |
| Second year: Gen. biology, zoölogy, biology of micro-organisms, el. botany. Third year: Comp. anat., cryptogamic botany, anthropology, comp. embryology. Fourth year: Comp. physiology, microscopic anat., sanitary biology, higher biology, bacteriology. | Second year: <i>Phys. geog., mineralogy.</i> Third year: Struct. and chem. geology, historical geology. | First and second years: Same as in B. S. in C. E. Fourth year: Hist. of nat. science, Hist. of the Renaissance. | First year: Same as in B. S. in C. E. |
| Third year: Physiology of the senses. | | Same as in B. S. in C. E. | First year: Same as in B. S. in C. E. |
| Second year: Gen. biology and zoölogy. Third year: A thropology. Fourth year: Physiology. | Second year: <i>Phys. geog.</i> Third year: Struct. geol., historical geology. | First year: Same as in B. S. in C. E. Second year: Pol't. hist. of Eng. and the U. S. polit. econ., economic problems. Third year: Hist. and lit. of the Renaissance and the Reformation, statistics, financial hist. of the U. S., hist. of commerce or of industry. <i>hist. of arch., hist. of Eng. in 16th and 17th centuries, political science.</i> Fourth year: Comp. politics, taxation, administration, | First year: Same as in B. S. in C. E. Second year: Shopwork. Third year: <i>Forging.</i> Fourth year: Railway management, sanitary science. |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|---------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 44 | Massachusetts Institute of Technology, Boston, Mass. —Continued. | | | |
| | | B. S. in Chem. Eng. | First year: Same as in B. S. in C. E. Second year: Analyt. chem. Third year: Indus. chem., org. chem., lab'y work. Fourth year: Metallurgy, applied chem., org. chem., thermo-chem. and fuel examination. | Same as in B. S. in C. E. |
| | | B. S. in Sanitary Eng. | First year: Same as in B. S. in C. E. Second year: Org. chem., analyt. chem. Third year: Analyt. chem., water analysis. Fourth year: Air analysis., chem. of natural waters. | Same as in B. S. in C. E. |
| 45 | Harvard University, Cambridge, Mass. | A. B. | Freshman: El. chem. Electives—Exp. chem., gen. descrip. chem., qual. anal., quant. anal., carbon compounds, advanced problems in inorg. chem., special advanced study and research, determination of atomic weights, aromatic compounds, org. chem., inorg. chem. | Freshman: Physics. Electives—Exp. physics, gen. descrip. physics, sound and color, electro-statics, electro-kinematics, and parts of electro-magnetism, electro-dynamics magnetism and electro-magnetism light, thermo-dynamics, dynamos, heat engines, mathematical theory of electro-statics and electro-kinematics, math. theory of electro-dynamics and electro-magnetism, special advanced study and research, spectrum analysis, electro-static measurements, sound and elasticity, electro-magnetism. |

and universities.—PART II—Continued.

Italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | 44 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| | | <p>hist. of nat. science, international law, business law, constitutional hist., hist. of commerce or of industry, banking and finance, hist. of economic theory, <i>the era of the French Revolution, political science, studies in the local hist. of the U. S.</i></p> <p>First year: Same as in B. S. in C. E. Fourth year: Polit. econ.</p> | | 44 |
| <p>Third year: Gen. biology, biology of microorganisms. Fourth year: Sanitary biology, biology of natural waters, sanitary bacteriology.</p> | <p>Second year: Phys. geog. Third year: Struct. geology.</p> | <p>Same as in B. S. in C. E.</p> | <p>First year: Same as in B. S. in C. E. Second year: Prin. of mechanism, construction of gear teeth, mechanism of mill and shop machinery, drawing. Third year: Steam eng., draw., eng. lab'y. Fourth year: Steam eng., dynamics of machines, eng. lab'y, shop work, technical machinery.</p> | 45 |
| <p>Electives: Zoölogy, botany, biology, cryptogamic botany, microscopic anat., palæontology, comp. osteology, embryology, gen. entomology, exp. veg. physiology, structure and development of cryptogams.</p> | <p>Electives: Mineralogy of common rocks and metallic ores, determinative mineralogy, crystallography, physical geog. and meteorology, geology (Dana), historical geology, economical geology, petrography, mineral veins and metalliferous deposits.</p> | <p>Electives: Polit. econ. (Mill), Dunbar's Chapters on Banking, Cairnes's Leading Principles of Polit. Econ., Hadley's Railroad Transportation, Laughlin's Bimetallism, history of economic theory, investigation and discussion of pract. economic questions, economic hist. of Europe and America since the Seven Years' War, hist. of tariff legislation in the U. S., public finance and banking, hist. of financial legislation in the U. S., management and ownership of railways and hist. of railway transportation, mediæval and modern European hist., constitutional gov't, hist. of the development of political and legal institutions in Rome to the fall of the Republic, later Roman and early mediæval hist., conflict of Christianity with Paganism, the mediæval church,</p> | <p>Electives: The fine arts, principles of delineation, color, and chiaroscuro, drawing, prin. of design in painting, sculpture, and architecture, ancient art, Roman and mediæval art, lit. and fine arts in Italy during the Middle Ages and the Renaissance, with special study of Dante. Music—Harmony, counterpoint, hist. of music, instrumentation, canon and fugue, free thematic music.</p> | 45 |

TABLE 23.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|-------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------|
| 45 | Harvard University, Cambridge, Mass.—Continued. | | | |
| 46 | Lawrence Scientific School, Cambridge, Mass. | B. S. in Civil and Topograph. Eng. | First, third, or fourth years: <i>Gen. descrip. chem.</i> Fourth year: <i>Qual. anal.</i> | First or third year: <i>Exp. physics.</i> |
| | | B. S. in Geology. | First year: <i>Exp. chem.</i> Second year: <i>Gen. descrip. chem.</i> | First year: <i>Gen. descrip. physics.</i> |
| | | B. S. in Biology. | Second year: <i>Gen. descrip. chem.</i> | First year: <i>Exp. physics.....</i> |

and universities.—PART II—Continued.

Italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| | | hist. of gov't and administration in France from the Frankish period to modern times, constitutional and legal hist. of England to the 16th century, the era of the Reformation in Europe, from the rise of Italian humanism to the close of the council of Trent, European hist. during the 17th cent. and the first half of the 18th, European hist. from the middle of the 18th cent., Amer. hist. to 1783, constitutional and polit. hist. of the U. S. (1783-1861), gen. hist. of the U. S., constitutional gov't, elements of public international law, studies in the comp. hist. of religion, hist. and institutes of Roman law. | | 45 |
| Fourth year: Zoölogy, botany. | First, second, third, or fourth years: <i>Geology</i> (Dana), <i>determinative mineralogy</i> . Fourth year: <i>Phys. geog. and meteorology, geological field work.</i> | Second year: <i>Const. and polit. hist. of the U. S.</i> Fourth year: <i>European hist., hist. of the U. S., prin. of polit. econ.</i> | First year: Mech. draw., plotting topograph. draw. Second year: Stereotomy, applications of descrip. geom., leveling, topograph. draw., eng., exercises in stone cutting. Third year: Graphical statics, building materials, hydraulics, water supply and sanitary eng. Fourth year: Applied mech. and constructive eng., designing. | 46 |
| Second year: Zoölogy, botany. Third year: Paleontology. | First year: <i>Geology</i> (Dana), <i>determinative mineralogy</i> . Second year: <i>Phys. geog. and meteorology, geology</i> . Third year: <i>Geological field work, petrography</i> . Fourth year: <i>Historical geology, economic geology, geological field work, physical geog. and meteorology, petrography</i>. | ..... | Third year: Mech. draw., plotting topograph. draw. | |
| First year: Zoölogy, botany. Second year: Biology, botany. Third year: Zoölogy, microscopic anat., cryptogamic botany, qual anal. Fourth year: Original investigation, embryology, gen. entomology, exp. veg. physiology, systematic and economic botany, structure and development of cryptogams, <i>paleontology, comp. osteology</i> . | First year: <i>Phys. geog. and meteorology, geology</i> . Fourth year: <i>Advanced geology</i> . | Fourth year: <i>Prin. of polit. econ., European hist., hist. of U. S.</i> | First year: Fine arts. | |

TABLE 23.—*Courses of study in colleges*

NOTE—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|---------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 46 | Lawrence Scientific School, Cambridge, Mass.—Continued. | B. S. in Elec. Eng. | First year: Gen. descrip. chem. | First year: Exp. physics, gen. descrip. physics. Second year: Electro-statics, electro-kinematics, and parts of electro-magnetism, electro-dynamics, magnetism and electro-magnetism. Third year: Thermo-dynamics, dynamos, telephone and telegraphic apparatus. Fourth year: Math. theory of electro-statics and electro-kinematics, math. theory of electro-dynamics and electro-magnetism. |
| 47 | Smith College, Northampton, Mass. | A. B. | Second year: Gen. chem., non-metals, <i>metals</i> , <i>qual. anal.</i> , <i>lab'y work</i> . Third year: <i>Quant. anal.</i> , <i>lab'y work</i> . Fourth year: <i>Org. chem.</i> , <i>lab'y work</i> , <i>lectures on chem. theory</i> . | Third year: Exp. lectures on sound, elec. and light. Fourth year: <i>Heat</i> , <i>lab'y work</i> . |
| | | B. L. .... | ..... | ..... |
| | | B. S. | First year: Gen. chem., <i>qual. anal.</i> Second year: <i>Quant. anal.</i> , <i>lab'y work</i> . | Third year: Sound, electricity, light. Fourth year: <i>Heat</i> , <i>lab'y work</i> . |
| 48 | Mt. Holyoke Seminary and College, South Hadley, Mass. | A. B. | First year: Gen. chem., <i>lab'y work</i> . Second year: Gen. chem., <i>qual. anal.</i> Fourth year: <i>Quant. anal.</i> | Third year: <i>Heat elec.</i> (Ganot), <i>lab'y work</i> , sound, light. Fourth year: <i>Physics</i> . |
| | | B. S. | First year: Same as A. B. course. Second year: Gen. chem., <i>theoret. chem.</i> Third year: <i>Qual. anal.</i> Fourth year: <i>Quant. anal.</i> , <i>org. chem.</i> | Same as in A. B. course |
| 49 | Wellesley College, Wellesley, Mass. | A. B. | Sophomore: <i>Theoret. chem.</i> , <i>lab'y work</i> . Junior: <i>Qual. anal.</i> Senior: <i>Qual. anal.</i> , <i>quant. anal.</i> | Junior: <i>Mechanics</i> , elec., sound, radiant energy, <i>lab'y work</i> . Senior: <i>Pract. physics</i> . |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----|
| | | | First year: Mech. draw., shop work. Third year: Work-shop. | 46 |
| First year: <i>Botany</i> (Gray). Second year: <i>Biology</i> . Third year: <i>Systematic botany</i> , <i>systematic zoölogy</i> (invertebrates), <i>osteology</i> , <i>human physiology</i> , <i>veg. histology</i> , <i>embryology</i> . Fourth year: <i>Histology</i> , <i>lab'y work</i> , <i>morphology</i> . | Third year: <i>Mineralogy and lithology</i> (Dana). Fourth year: <i>Geology</i> (Geikie). | First year: Thalheimer's Manual of Grecian Hist. Second year: Thalheimer's Manual of Roman Hist. Third year: <i>Mediæval hist.</i> , <i>Church's Beginning of the Middle Ages</i> , <i>modern hist.</i> Fourth year: <i>Polit. econ.</i> , <i>lectures on recent European hist.</i> , <i>polit. hist. of the U. S.</i> , <i>polit. science</i> . | <i>Art, music</i> | 47 |
| First year: Botany. Second year: Biology. Third year: Botany or zoölogy, human physiology, veg. histology or embryology. Second year: Botany (Gray), veg. histology, cryptogamic botany, physiology. Third year: Zoölogy, botany, physiology, animal or vegetable biology. Fourth year: Biology, botany or zoölogy. | Third year: Mineralogy (Dana). Fourth year: Geology (Geikie), field work. | First year: Grecian hist. Second year: Roman hist. Third year: Modern hist. Fourth year: Polit. econ., polit. science. Third year: Hist. Fourth year: Polit. econ. | | |
| Second year: Botany (Gray), veg. histology, cryptogamic botany, physiology. Third year: Zoölogy, botany, physiology, animal or vegetable biology. Fourth year: Biology, botany or zoölogy. | Third year: Mineralogy (Dana), dynamic, structural, and historical geology (Dana). Fourth year: Mineralogy, geology. | Second year: Ancient hist., mediæval hist. Third year: Hist. of the Renaissance, the Reformation, the Eng. revolution, library work, French revolution, European states since the revolution, <i>const. hist. of Eng.</i> Fourth year: <i>Const. hist. of the U. S.</i> , <i>polit. econ.</i> , <i>international law</i> . | First year: Drawing. | 48 |
| First year: Physiology. Second year: Botany, veg. histology, cryptogamic botany. Third year: Zoölogy, botany, physiology, biology. Fourth year: Botany or zoölogy. | Second year: Mineralogy. Third and fourth years: Same as in A. B. course. | Second year: Ancient hist., mediæval and modern hist. Third year: Modern hist. Fourth year: Same as in A. B. course. | First year: Drawing. | |
| Freshman: Physiology. Junior and Senior: Botany, zoölogy. | Junior and Senior: Mineralogy, lithology, geology. | Freshman and Sophomore: Hist. of Jewish Church. Sophomore: <i>Polit. hist. of Eng.</i> , <i>hist. of U. S.</i> Junior: Hist. of civilization, <i>hist. of modern Europe</i> , <i>polit. econ.</i> , <i>hist. of art and music</i> . Senior: Hist. of the Apostolic Church, <i>const. hist. of England and of the U. S.</i> , <i>hist. of Oriental civilization</i> , <i>political science</i> , <i>hist. of art</i> . | Freshman: Drawing. | 49 |

TABLE 22.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 49 | Wellesley College, Wellesley, Mass.—Continued. | B. S. | Freshman: Theoret. chem., lab'y work. Sophomore: <i>Qual. anal.</i> Junior and Senior: <i>Quant. anal.</i> | Same as in A. B. course. |
| 50 | Williams College, Williamstown, Mass. | A. B. | Sophomore: Chem. Junior: <i>Qual. anal.</i> , <i>gen. chem.</i> Senior: <i>Chem.</i> | Junior: Physics. |
| 51 | Michigan Agricultural College, Agricultural College, Mich. | B. S. in Agr. | Sophomore: El. chem. (Blox- am), chemical manipulation. Junior: Org. chem., blow- pipe and volumetric anal., analyt. chem., agr. chem. Senior: <i>Quant. anal.</i> | Sophomore: Mechanics (Gan- ot). Junior: Mechanics. Senior: <i>Chemical physics.</i> |
| | | B. S. in Mech. | Sophomore: Same as in B. S. in Agr. Junior: Metallurgy. | Freshman: El. physics (Gan- ot). Sophomore: Mechan- ics. Senior: Mechanics, heat, electricity, magnet- ism, thermodynamics, steam eng. |
| 52 | University of Michigan, Ann Arbor, Mich. | ..... | Experimental and general lectures, kinetic theory of gases, chem. phil., gen. chem., electro-chem., gas anal., qual. anal., org. chem., quant. anal., analytical work of the rolling mill and mine lab'y, blow-pipe anal., orig- inal investigation, assaying ores, manufacture and puri- fication of chemicals, chem. technology, proximate org. anal. including toxicology, physiological chem., sani- tary science. | Phys. lab'y, theoret. physics, mechanics, sound, light, elec., heat, magnetism, elec- trical units and measure- ments, dynamo-electric ma- chinery, geometrical optics. |

and universities.—PART II—Continued.

Italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: Physiology. Sophomore: Botany, zoölogy. Junior: Economic bot., cryptogams, medical bot., zoölogy. Senior: Botany, zoölogy. | Sophomore: Mineralogy, lithology, geology. Junior: Geology. Senior: Mineralogy, lithology, geology. | Same as in A. B. course. | Freshman: Drawing. | 49 |
| Sophomore: El. biology, zoölogy (Claus), botany. Junior: Botany, zoölogy. Senior: Anat., physiology, comp. zoölogy, embryology, histology. | Senior: Geology (Le Conte). | Sophomore: Hist. of Eng. people (Green), Gilman's American People. Junior: Polit. econ. (Perry), <i>polit. science</i> . Senior: Sociology. | ..... | 50 |
| Freshman: Botany (Gray, Wood). Sophomore: Botany. Junior: Anat. (Martin), human and comp. physiology, entomology. Senior: Zoölogy (Packard), botany and forestry. Sophomore: Botany. | Senior: Geology (Dana). | Freshman: Ancient hist. (Swinton). Senior: <i>Constitution of the U. S.</i> (Cooley), <i>polit. econ.</i> , <i>phil. of hist.</i> (Guizot). | Freshman: Draw., agriculture. Sophomore: Military tactics, agr., gardening. Junior: Horticulture. Senior: <i>Agr. eng.</i> , <i>veterinary</i> , <i>civil eng.</i> , <i>horticulture</i> , <i>military science</i> , <i>agr.</i> | 51 |
|  | ..... | Senior: Bookkeeping and business law, <i>U. S. Constitution and political science</i> . | Freshman: Draw., shopwork. Sophomore: Military science, shopwork, draw. Junior: Draw., shopwork. Senior: Civil eng., el. of mechanism, shopwork, machine design. | |
| Elements of biology, systematic zoölogy, comp. anat. of vertebrates, ornithology, embryology, cryptogamic botany, structural and pharmaceutical botany, physiological botany, structural botany and microscopy, comp. veg. histology, morphology and physiology of phanerogams, physiology. | Mineralogy and lithology, elements of gen. geology, advanced geology and palæontology, palæontological investigations, economic geology, geology of the U. S. | Polit. and constitutional hist. of England, comp. const. law, hist. of Europe during 16th and 17th centuries, const. hist. of the U. S., Amer. colonial hist., const. law of the U. S., hist. of the Middle Ages, hist. of Europe since the Congress of Vienna, hist. of Europe during 18th century, hist. of French Revolution, comp. const. hist., principles of polit. econ., prin. of the science of finance, social and industrial reform, hist. of economic thought (Ingram), tariff legislation in the U. S. (Taussig), economics, international law, hist. of treaties. | Science and art of teaching. Practical (Fitch), school supervision (Payne), hist. of education (Compayne's Hist. of Pedagogy), study of educational systems, hist. and phil. of education. Drawing.—Geometrical topographical, mechanical, free-hand sketching, water-color, architectural. Civil engineering.—Strength and resistance of materials, theory of construction, graphical analysis of structures, engineering design, mechanism and machine drawing, dynamics of machinery, hydraulics, stereotomy. Mechanical engineering.—Forging, woodwork, pattern work, machinery and machine drawing, dynamics of machinery, prime movers, thermodynamics, theory of machine construction, machine design, machine construction and millwork, steam engineering, naval architecture, marine engineering, Mining engineering.—Mining, metallurgy, fuel and refractory material, iron, steel, copper, zinc, lead, silver, gold, mercury. Music; bibliography. | 52 |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|----------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 53 | University of Minnesota, Minneapolis, Minn. | A. B. | Sophomore: Gen. chem., lab'y work. Junior: <i>Analyt. chem., org. chem.</i> Senior: Hist. of chem. theory, lab'y work, sanitary science. | Sophomore: Mechanics, sound, heat, light, magnetism; elec. (Olmsted). Junior: <i>Elec.</i> (Ayrton and Perry, Kempe), <i>light</i> , <i>Wright's exp. optics.</i> |
| | | B. S. | Freshman: <i>Gen. chem., lab'y work.</i> Sophomore: <i>Gen. chem., qual. anal.</i> Junior and Senior: Same as in A. B. course. | Freshman: <i>Mechanics of solids, liquids, and gases</i> (Dana and Ganot). Sophomore: <i>Sound, heat, elec., light.</i> Junior: Same as in A. B. course. |
| 54 | University of Mississippi, University, Miss. | B. L. | Same as in A. B. course. | Same as in A. B. course. |
| | | A. B. | Junior: Chem. | Junior and Senior: Physics (Ganot). |
| | | B. S. | Junior and Senior: Chem. | Same as in A. B. course. |
| 55 | St. Louis University, St. Louis, Mo. | A. B. | Sophomore and Junior: Chem. (Eliot and Storer). | Sophomore and Junior: Physics (Ganot). |
| 56 | Washington University, St. Louis, Mo. | A. B. | Junior: Chem. (Roscoe), <i>chem.</i> Senior: <i>Pract. chem.</i> | Sophomore: Physics (Ganot). Junior: <i>Physics, mechanics.</i> |
| | | Ph. B. | Sophomore: Chem. Junior: <i>Chem., pract. chem.</i> Senior: <i>Pract. chem.</i> | Freshman and Sophomore: Physics. Junior: <i>Elec. and magnetism</i> (Cumming), <i>electrical and magnetical measurements, mechanics.</i> Senior: <i>Mechanical theory of heat, applied mechanics.</i> |
| | | C. E. | Sophomore: Theoret. chem. (Roscoe), qual. anal. Junior: Qual. anal. Senior: Metallurgy of iron and steel. | Freshman: Pneumatics, acoustics, heat, optics. Sophomore: Elec., magnetism, meteorology, graphical and analytical statics, theoret. and pract. physics. Junior: Applied mech., elec., and magnetism. Senior: Elec., magnetism, lab'y work. Fifth year: Thermodynamics, dynamos and electrical machinery, lab'y work. |
| | | D. E. | Sophomore: Same as in C. E. course. Junior: <i>Lab'y work, lectures, qual. anal.</i> Senior: <i>Lectures, lab'y work, metallurgy of iron and steel.</i> Fifth year: <i>Lectures, lab'y work.</i> | Freshman and Sophomore: Same as in C. E. course. Junior: Mech., applied mech., elec. and magnet. Senior: Mech., elec. and magnet, hydraulics. Fifth year: Mech., theory of heat, elec. |
| | | Chemistry. | Sophomore: Same as in C. E. course. Junior: Theoret. and inorg. chem., qual. anal., lab'y work. Senior: Analyt. and applied chem., metallurgy. Fifth year: Org. chem. | Freshman and Sophomore: Same as in C. E. course. Junior: Statics, dynamics, stress, <i>elec. and heat.</i> |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: Botany (Gray). Junior: <i>Physiology and histology, animal morphology.</i> | Junior: <i>Mineralogy.</i> Senior: Dynamical and structural geology, lithology and historical geology, applied geology. | Sophomore: Hist. of Europe during the Middle Ages, England in the Middle Ages. Junior: <i>Modern hist. of England, colonial hist. of the U. S.</i> Senior: Polit. econ., polit. science, hist. of civilization. | Freshman: Drawing. Senior: Pedagogics. | 53 |
| Freshman: Botany or zoölogy. Sophomore: Botany or zoölogy. Junior: Same as in A. B. course. | Junior: Mineralogy. Senior: Same as in A. B. course. | Same as in A. B. course. | Same as in A. B. course. | |
| Same as in A. B. course. Senior: Zoölogy | Same as in A. B. course. Senior: Mineralogy and lithology (Dana), geology (Dane, Le Conte). | Same as in A. B. course. Senior: Polit. econ., hist. | Same as in A. B. course. | 54 |
| Freshman: Botany (Gray), zoölogy (Orton and Packard). Senior: Zoölogy. | Same as in A. B. course and pract. mineralogy. | Same as in A. B. course. | | |
| ..... | ..... | Freshman and Sophomore: Ancient hist. (Vuibert), Junior: Constitution and Govt. of the U. S. | ..... | 55 |
| Junior: Botany. Senior: Anat. and physiology, botany. | Junior: Mineralogy, geology. | Freshman: U. S. Constitution, hist. of England. Sophomore: Hist. of France. Junior: Hist. of Germany, hist. of France, lectures on eastern Europe. Senior: Constitutional history, polit. econ., elements of international law, gen. historical review. | ..... | 56 |
| Same as in A. B. course. | Same as in A. B. course. | Same as in A. B. course. | Freshman, Sophomore, and Junior: <i>Drawing.</i> | |
| Junior: Botany | Junior: Mineralogy and geology. Fifth year: Economic geology. | Freshman: Same as in A. B. course. Fifth year: Polit. econ., lectures on business law and riparian rights. | Freshman and Sophomore: Drawing, shopwork. Junior: Civil eng., shopwork, drawing. Senior: Steam eng., civil eng., shopwork, drawing. Fifth year: Engineering materials, principles of economy in design and construction, sanitary and city eng. | |
| Junior: Botany. Senior: Anat. and physiology. | Junior: Same as in C. E. course. | Freshman: Same as in A. B. course. Fifth year: Business law, polit. econ., constitutional hist., elements of international law. | Freshman and Sophomore: Same as in C. E. course. Junior and Senior: Dynamic eng., shopwork, drawing. Fifth year: Dynamic eng., foundations, water supply, and drainage. | |
| ..... | Junior: Mineralogy. Senior: Geology (Dana). | Freshman: Same as in A. B. course. Fifth year: Polit. econ. | Freshman and Sophomore: Same as in C. E. course. | |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|-----------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 56 | Washington University, St. Louis, Mo.—Continued. | Mining.... | Sophomore: Same as in C. E. course. Junior: Qual. anal., blowpipe anal., assaying, metallurgy. Senior: Metallurgy, quant. anal., blowpipe anal., assaying. Fifth year: Metallurgy. | Freshman and Sophomore: Same as in C. E. course. Junior: Mech. Senior: Mech. Fifth year: Thermodynamics, electro-metallurgy, lab'y work. |
| | | B. S. | Sophomore: Same as in C. E. course. Junior: <i>Metallurgy</i> . Senior: <i>Metallurgy</i> . | Freshman and Sophomore: Same as in C. E. course. Junior: Appl'd mech., physics. Senior: <i>Physics</i> . |
| | | M. S. | Sophomore: Same as in C. E. course. Junior: Qual. anal. Senior: <i>Quant. anal.</i> | Freshman and Sophomore: Same as in C. E. course. Junior: Mech., <i>physics, theoretical optics</i> . Senior: <i>Thermodynamics, electricity and magnetism, theory of sound.</i> |
| 57 | Drury College, Springfield, Mo. | A. B. | Junior: Chem. (Eliot and Storer). | Junior: Physics..... |
| | | B. S. | Sophomore: Chem., org. chem. | Same as in A. B. course..... |
| 53 | Dartmouth College, Hanover, N. H. | A. B. | Junior: Chem. of non-metals, lab'y work, <i>metals and qual. anal., lab'y work</i> . Senior: Optional— <i>Chem. of carbon compounds, analyt. chem., quant. anal., lab'y work.</i> | Junior: Prin. of physics, cl. of physics (Stewart), <i>lab'y work, mechanics of solids, liquids and gases, heat, light, sound</i> . Senior: Optional— <i>Lab'y work, elec. and magnetism, original work.</i> |
| | | B. L. | Same as in A. B. course | Same as in A. B. course..... |
| | | B. S. | Third year: Wurtz's Elements of Chem. Fourth year: Analyt. chem., Noyes' Qual. Anal., <i>quant. anal.</i> | Third year: Garnett's Heat, Stone's Sound. Fourth year: Thompson's Elec. and Magnetism, lectures, Lommel's Light. |
| 59 | New Hampshire College of Agriculture and Mechanic Arts Hanover, N. H. | B. S. in Agr. and Chem. | First year: Chem. of farm (Warington). Second year: Inorg. chem., analyt. chem., lab'y work. Third year: <i>Org. chem., metals (Bloxam), qual. anal., lab'y work.</i> Fourth year: Quant. anal., lab'y work, quant. anal. of soils, etc., assaying. | Second year: Physics..... |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Junior: Botany, zoölogy. | Junior: Crystallography, mineralogy, dynamic and stratigraphical geology, economic geology. Senior: Economic geology, paleontology, lithology. Fifth year: Micro-lithology. | Freshman: Same as in A. B. course. Fifth year: Polit. econ., mining law. | Freshman and Sophomore: Same as in C. E. course. Junior: Strength of materials, eng. structures, drawing, shop-work, steam eng., mining. Senior: Mining, ore dressing, engineering, drawing, shop-work. Fifth year: Office-work, mining, mill-work, projects. | 56 |
| Junior: Botany. Senior: Physiology. | Junior: Mineralogy, geology. Senior: Paleontology. | Freshman: Same as in A. B. course. Senior: Polit. econ., <i>constitutional hist., hist.</i> | Freshman and Sophomore: Same as in C. E. course. Junior and Senior: <i>Steam eng.</i> | |
| Junior: Botany (elective with geology and mineralogy), <i>botany, zoölogy.</i> Senior: <i>Morphology, comp. zoölogy, physiology, biology.</i> | Junior: Mineralogy or geology (elective with botany), <i>crystallography, mineralogy, geology and phys. geog.</i> Senior: <i>Paleontology, lithology, economic geology.</i> | Freshman: Same as in A. B. course. Senior: U. S. Constitution. Fifth year: Commercial and insurance law, polit. econ. | Freshman and Sophomore: Same as in C. E. course. | |
| Sophomore: Anat. and physiology. Junior: Botany (Wood), veg. histology (Bessey). Senior: Zoölogy (Tenney and Orton). | Senior: Geology (Le Conte). | Junior: International law (Woolsey). Senior: Polit. econ. (Perry), hist. of civilization, U. S. constitutional hist. (Andrews). | ..... | 57 |
| Freshman: Anat. and physiology (Martin). Sophomore: Anat. and physiology, botany, veg. histology. Junior: <i>Cryptogamic botany, biology.</i> | Freshman: <i>Phys. geog.</i> Sophomore: Mineralogy. Senior: Same as in A. B. course. | Freshman: Gen. hist. Junior and Senior: Same as in A. B. course. | | |
| Freshman: Hygiene. Senior: Physiology. | Junior: <i>Mineralogy and lithology.</i> Senior: <i>Geology (Le Conte), appl'd geology (Williams).</i> | Junior: Mediæval and modern hist. Senior: <i>Polit. hist. of the U. S., const. hist. of Eng. (optional), polit. econ., constitutional law, advanced polit. econ., municipal law, international law.</i> | ..... | 58 |
| Freshman: Hygiene, physiology (Martin), botany. Sophomore: Biology. | Same as in A. B. course. | Same as in A. B. course. | | |
| First year: Hygiene, botany (Gray). Second year: Struct. botany (Thomé), zoölogy (Orton). | Fourth year: Mineralogy (Dana), geology (Le Conte). | First year: Myer's Mediæval and Modern Hist., Leighton's Rome, Smith's Greece. Third year: <i>Eng. hist., municipal law, polit. econ. (Walker).</i> Fourth year: Constitutional law (Pomeroy). | First year: Drawing. Second year: Draw., tinting, topography, plotting, mapping. Third year: Carpentry, machinery. Fourth year: <i>Engineering.</i> | |
| Second year: Botany (Gray). Third year: Struct. botany (Thomé), zoölogy (Orton). Fourth year: <i>Anat. and physiology.</i> | Fourth year: Geology (Le Conte), mineralogy. | First year: Grecian hist. (Smith), Rom. hist. (Leighton), mediæval and modern hist. (Myers), themes in hist. Third year: Laws of business (Parsons). Fourth year: Constitutional law (Pomeroy), polit. econ. (Perry), <i>hist. of Amer. politics, international law.</i> | First year: Draw., shop-work. Second year: Draw., shop-work, machine construction, dairying (Arnold), forestry (Hough), stock breeding (Miles), fruit culture. Third year: Insects injurious to farm (Treat), stock feeding (Armsby), how crops grow (Johnson), how crops feed (Johnson), <i>framing and bridge</i> | 59 |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|-------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| 59 | New Hampshire College of Agricultural and Mechanic Arts, Dartmouth, N.H.—Continued. | B. S. in Mech. Eng. | First and second years: Same as in B. S. in Agr. and Chem. Third year: Metals, <i>org. chem., qual. anal., lab'y work.</i> Fourth year: <i>Quant. anal., lab'y work, assaying.</i> | Same as in B. S. course in Agr. and Chem. |
| 60 | Rutgers College, New Brunswick, N.J. | A. B. | Sophomore: Inorg. chem. (Richter), Austin's Lecture Notes. Junior: <i>Exp. chem. (Remsen), qual. anal. (Fresenius), lab'y work, Senior: Quant. anal. (Fresenius), lectures, lab'y work, preparation of chemical substance.</i> | Junior: Physics (Deschanel). Senior: Physics (Deschanel), <i>elec.</i> |
| | | B. S. in Civ. Eng. and Mech. | Sophomore: Same as in A. B. course. | Sophomore and Junior: Physics (Ganot). |
| | | B. S. in Agr. and Chem. | Sophomore: <i>Exp. chem., qual. anal., chem. stoichiometry.</i> Junior: <i>Quant. anal., chem. philosophy (Cook).</i> Senior: <i>Applied chem. (Wagner's Technology), quant. anal. org. chem. (Remsen and Pinner-Austen), assaying.</i> | Same as in B. S. course in civil eng. and mech. |
| 61 | College of New Jersey, Princeton, N. J. | A. B. | Senior: <i>Gen. chem., lab'y chem., applied chem.</i> | Junior: Physics (Anthony and Brackett). Senior: <i>Pract. physics.</i> |
| | | B. S. in Gen. Science. | Freshman: Inorg. chem. Sophomore: <i>Qual. anal.</i> Senior: <i>Quant. anal.</i> | Junior: <i>El. mechanics, elec., magnetism, acoustics, optics.</i> Senior: <i>Pract. physics, math. physics.</i> |
| | | B. S. in Chem. and Mineralogy. | Freshman and Sophomore: Same as in B. S. in gen. science. Junior: <i>Quant. anal.</i> Senior: <i>Quant. anal.</i> | Junior: Same as in B. S. in Gen. Science. |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Second and third years: Same as in B. S. course in Agr. and Chem. | Same as in B. S. course in Agr. and Chem. | Same as in B. S. course in Agr. and Chem. | <i>construction, roads, streets, and pavements</i> (Gilmore). Fourth year: Sanitary eng. (Philbrick), vet. med. and surg. (Courtenay). | 50 |
| Freshman: Physiology (Dalton), comp. zoölogy (Orton). | Senior: Geology (Dana), | Sophomore: Ancient and modern hist. (Fisher). Junior: The Eng. constitution, hist of civilization (Guizot). Senior: Polit. econ. (Walker and Perry), <i>comp. study of the growth of the modern constitutions</i> , political ethics, the duties of citizenship (Lieber and Woolsey). Constitution of the U. S. (Cooley), <i>invasion of Italy by the French, the historical drama</i> . | First year: Draw., shopwork. Second year: Draw., shopwork, machine construction. Third year: Framing and bridge construction, mechanism (Stahl and Woods). Fourth year: Shopwork, machine construction, sanitary eng., steam eng. (Holmes), draw. | 60 |
| Freshman: Physiology, comp. zoölogy, botany (Gray). | Same as in A. B. course. | Sophomore and Junior: Same as in A. B. course. Senior: Polit. econ., polit. ethics., duties of citizenship, Constitution of the U. S. | Freshman: Drafting. Sophomore: Railroad curves (Henck), drafting. Junior: Drafting. Senior: Engineering (Mahan), architecture, draughting, bridge building (Wood). | |
| Freshman: Same as in B. S. course in civil eng. and mech. Junior: Veg. physiology. | Senior: Geology, determinative mineralogy (Dana). | Same as in B. S. course in civ. eng. and mech. | Freshman and Sophomore: Drafting. Junior: Drafting, agriculture. Senior: Prin of agr., drafting, architecture. | |
| Sophomore: Human anat. and physiology, zoölogy, botany. Senior: <i>Biology, histology</i> . | Junior: <i>Physical geog.</i> Senior: Geology (LeConte), <i>palæontology</i> . | Sophomore: Freeman's general sketch. Senior: Jurisprudence and polit. econ., <i>comp. politics, international and constitutional law</i> (Gallaudet), <i>hist. of ancient art</i>. | ..... | 61 |
| Freshman: Botany, morphology of plants. Sophomore: Human anat. and physiology, zoölogy, histology, botany (Gray). Junior: Histology, morphology. Senior: <i>Biology</i> . | Freshman: Crystallography. Sophomore: Determinative mineralogy. Junior: Descrip. mineralogy. Senior: Geology, phys. geog. | Senior: Same as in A. B. course. | Freshman and Sophomore: Drawing. Senior: <i>Strength of materials</i> . | |
| Freshman, Sophomore, and Junior: Same as in B. S. in gen. science. | Freshman, Sophomore, and Junior: Same as in B. S. in gen. science. Senior: geology. | Senior: Jurisprudence and polit. econ. | Freshman and Sophomore: Drawing. | |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|----------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 61 | College of New Jersey, Princeton, N. J.—Continued. | B.S.in Biol. and Chem. | Same as in B. S. in gen. science. | Same as in B.S.in chem.and mineralogy. |
| | | B.S.in Biol. and Geol. | Freshman and Sophomore: Same as in B. S. in gen. science. | Same as in B.S.in chem.and mineralogy. |
| 62 | Madison University, Hamilton, N. Y. | A. B | Sophomore: Non-metallic elements. Junior: <i>Metallic elements, qual. anal., metallurgy.</i> Senior: <i>Quant. anal., special anal.</i> | Junior: Physics (Anthony and Brackett), light, heat, elect., etc., <i>steam engine.</i> |
| | | Greek scientific. | Sophomore: Same as in A. B. course. Junior: <i>Metallic elements, qual. anal., metallurgy.</i> Senior: Same as in A. B. course. | Same as in A. B. course. |
| | | Latin scientific. | Junior: <i>Metallic elements, qual. anal., metallurgy.</i> Senior: Same as in A. B. course. | Junior: Mechanics, light, heat, elec., <i>steam engine.</i> |
| | | Eng. scientific. | Sophomore: <i>Metallic elements, qual. anal., metallurgy.</i> Junior: <i>Quant. anal., special anal.</i> Senior: <i>Org. chem.</i> | Same as in Latin scientific course. |
| 63 | Cornell University, Ithaca, N. Y. | ..... | Inorg. chem., introductory lab'y practice in inorg. chem., agr. chem., qual. anal., blow-pipe anal., quant. anal., quant. methods, chem. phil., applied chem., Ger. chem. readings, org. chem., metallurgy, assaying, pharmaceutical chem., pharmacy. | Mechanics, heat, elec., magnetism, acoustics, optics, physical experiments, electrical measurements, pract. photography, dynamo electric machinery, theory of heat, physiological optics and the science of color, kinematics and dynamics, absolute measurements in elec. and magnetism, thermometry and calorimetry, advanced spectroscopy. |
| 64 | College of the City of New York, New York, N. Y. | A. B | Third year: Pract. and analyt. chem. (Clowes). Fifth year: Chem. (Bloxam). | First year: El. of physics (Cooley). Fourth year: Mechanics, acoustics (Bartlett), chem. physics (Pyncheon). |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman and Sophomore: Same as in gen. science. Junior: Histology, morphology, biology. Senior: Biology, histology, morphology. Same as in B. S. in biol. and chem. | Freshman, Sophomore, and Junior: Same as in B. S. in gen. science. Senior: Geology, palæontology. | Same as in B. S. in chem. and mineralogy. | Same as in B. S. in chem. and mineralogy. | 61 |
| Junior: <i>Physiology</i> (Martin), <i>zoölogy</i> . Senior: <i>Botany</i> . | Junior: <i>El. mineralogy, geology</i> . | Junior: <i>Ancient and mediæval history, Rom. law, or international law</i> . Senior: <i>Polit. econ., mediæval and modern hist., Eng. constitution, constitutional and polit. hist. of the U. S., Amer. hist., tariff and government, Rom. law or international law</i> . | Junior: <i>Mech. draw., strength of materials</i> . Senior: <i>Architecture, sculpture</i> . | 62 |
| Freshman: <i>Physiology</i> . Sophomore: <i>Botany</i> . Junior: <i>Zoölogy</i> . | Junior: <i>El. mineralogy, geology</i> . | Same as in A. B. course. | Same as in A. B. course. | |
| Sophomore: <i>Botany</i> . Junior: <i>Zoölogy, physiology</i> . Same as in Greek scientific course. | Same as in A. B. course. | Same as in A. B. course. | Same as in A. B. course. | |
| Botany, systematic botany, plant physiology, histology of plants, higher cryptogams, field work, fungi, invertebrate zoölogy, entomology, physiology, vertebrate zoölogy, morphology of the brain, anatomical methods and gross anat., microscopical methods and histology, methods and elements of embryology, human or comp. anat., or systematic vertebrate zoölogy, vertebrate histology. | Geology, palæontology, mineralogy, petrography, economic geology, historical palæontology. | Junior: <i>Ancient and mediæval hist., Rom. law or international law</i> . Senior: Same as in A. B. course. Hist. and civilization of Greece and Rome, polit. and social hist. of Europe during the middle ages, polit. and social hist. of Europe from the renaissance to the French Revolution, polit. and social hist. of Eng. from the Saxon invasion to the close of the Napoleonic wars, govt. of Eng. since the Napoleonic wars, recent hist. of Germany, Amer. hist. from the earliest discovery to the end of the war for the Union, Amer. hist. seminary, Amer. const. hist. and law, hist. of polit. and municipal institutions, growth of the Eng. constitution, int. law and diplomacy, lit. of polit. science, historic achievements in statesmanship, polit. econ., finance, social science, Rom. law. | Junior: <i>Mech. draw., strength of materials</i> . Senior: Same as in A. B. course. Arboriculture, forestry, horticulture, applied agr., gen. and exp. horticulture, vet. science, architecture, civil eng., mech. eng. and mechanic arts, military science and tactics. | 63 |
| First year: <i>Botany</i> (Kellerman), anat. Second year: <i>zoölogy</i> (Orton). Fourth year: <i>Anthropology, zoölogy</i> (Tenney). | Fifth year: <i>Geology, mineralogy, palæontology</i> (Dana). | Second year: <i>Freeman's historical course</i> . Third year: <i>Hist. of England</i> (Thompson). Fourth year: <i>Constitutional law, international law, polit. econ., hist. of U. S.</i> (Eliot). Fifth year: <i>Hist. of art</i> . | First, second, and third years: <i>Drawing</i> . | 64 |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|-------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 64 | College of the City of New York, New York, N. Y.—Continued. | B. S. | Same as in A. B. course. | First year: Same as in A. B. course. Fourth year: acoustics, optics, and heat (Bartlett), chem. physics. |
| 65 | Columbia College, New York, N. Y. | A. B. | Sophomore: Gen. chem. (Fowne). Senior: Chem. (Fowne), qual., anal., blow-pipe anal. | Junior: <i>Sound, mechanics</i> (Peck), <i>magnetism, electricity</i> . Senior: <i>Light, higher physics, heat</i> . |
| | | Min. Eng.. | First year: Chem. (Fowne), qual. anal. (Fresenius), blow-pipe anal. (Platner). Second year: Applied chem. (Wagner). Third year: Assaying, metallurgy. Fourth year: Quant. anal., metallurgy. | First year: Heat, sound, magnetism, elec., optics (Ganot). Third year: Mechanics of solids and fluids, mechanical theory of heat, electricity, optics. Fourth year: Dynamics of machinery, graphical statics. |
| | | Civil Eng. | First year: Chem. (Fowne). Second year: Applied chem. Third year: Metallurgy. | First year: Heat, optics, magnetism, elec. Third year and fourth year: Same as in min. eng. |
| | | Metallurgy | First year: Same as in min. eng. Second year: Applied chem., quant. anal. (Caius). Third year: Quant. anal., metallurgy, assaying. | First and third year: Same as in C. E., and third year, dynamics of machinery. Fourth year: Same as in min. eng. |
| | | Geology and Palæontology. | Same as in min. eng. | First year: Same as in C. E. Third year: Mech. theory of heat, electricity, physical optics. |
| | | Chemistry | First year: Chem., qual. anal., blow-pipe anal., chem. physics (Cook). Second year: Applied chem., chem. philosophy (Cook), quant. anal. Third year: Appl'd chem., quant. anal., metallurgy, assaying. Fourth year: Org. chem., applied chem., metallurgy. | Same as in course in geology and palæontology. |
| | | Architecture. | First and second years: Same as in C. E. | First year: Same as in C. E. Third year: Mech. of solids and fluids. Fourth year: Graphical statistics. |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Same as in A. B. course. | Same as in A. B. course. | Second and third years: Same as in A. B. course. Fourth year: Constitutional and international law, polit. econ. (Walker), hist. of U. S. Fifth year: Hist. of art. | Same as in A. B. course. | 4 |
| Junior and Senior: <i>Botany.</i> | Senior: <i>Geology and lithology.</i> | Sophomore: European hist. (Myers' mediæval and modern hist.). Junior: European hist. (Müller), polit. econ. (Mill). Senior: Constitutional hist. of Eng. and of the U. S., polit. econ. | ----- | 65 |
| First year: Botany (Bastin). Second year: Zoölogy (Nicholson). | First year: Crystallography (Egleston). Second year: Mineralogy (Egleston). Third year: Geology. Fourth year: Economic geology. | ----- | First year: Drawing (Binn). Second year: Eng., pract. mining, draw. Third year: Eng., physical properties of materials, pract. mining, draw., construction. Fourth year: Mining eng., eng., hydraulic eng., machinery and millwork, mech. eng., ore dressing, drawing. | |
| Same as in min. eng... | Second year: Mineralogy. Third year: Lithological, cosmical, physiographic, and historical geology, paleontology. | ----- | First year: Draw. Second year: Eng., pract. mining, sanitary eng., draw., stereotomy. Third year: Eng., physical properties of materials. Fourth year: Civil eng., sanitary eng., sewerage, improvements of rivers and harbors, eng., hydraulic eng., machinery and millwork, mech. eng., railroad eng., draw. | |
| Same as in min. eng... | Same as in min. eng... | ----- | First year: Draw. Second year: Pract. min., draw., stereotomy. Third and fourth years: Same as in min. eng. | |
| First year: Botany. Second year: Histology, zoölogy. Third and fourth years: Botany, zoölogy. | First year: Crystallography. Second and third years: Same as in C. E. Fourth year: Economic geology. | ----- | First, second, third, and fourth years: Drawing. | |
| First and second years: Same as in min. eng. Third year: Biology. | Same as course in geology and paleontology. | ----- | First year: Drawing. | |
| First year: Botany.... | Third year: Descrip. and historical geology. Fourth year: Economic geology. | Second year: Ancient architectural hist. (Reber). Third year: Mediæval architectural hist. Fourth year: Modern architectural hist., hist. of painting and sculpture and of ornament. | First year: Draw. Second year: Arch., stereotomy, draw. Third year: Eng., sanitary eng., design, modeling, draw., practice. Fourth year: Civil eng., sanitary eng., sewerage, design, specifications, etc. | |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|-----------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 65 | Columbia College, New York, N. Y.— Continued. | Sanitary Eng. | First year: Chem., qual. anal., org. chem. Second year: Applied chem., quant. anal. Third year: Quant. anal. | Same as in civil eng. |
| 66 | University of the City of New York, New York, N. Y. | A. B. | Junior: Inorg. chem., org. chem. | Sophomore: Mechanics, sound, light. Junior: Heat, elec. |
| | | B. S. | Junior: Same as in A. B. course. Senior: Analyt. chem, lab'y work. | Sophomore: Same as in A. B. course. Junior: Heat, elec., lab'y work. |
| 67 | Vassar College, Poughkeepsie, N. Y. | A. B. | Sophomore: <i>Non metals, el. chem. philosophy, exp. chem.</i> Junior: <i>Metals, qual. anal., quant. anal., hydrocarbons.</i> | Senior: <i>Force, motion, and energy, electricity, molecular and radiant energy, including heat, sound, and light (Daniell).</i> |
| 68 | University of Roch- ester, Rochester, N. Y. | A. B. | Junior: Chem. physics, gen. chem., Lab'y work. Senior: Lab'y work. | Junior: Mechanics (Kim- ball's Snell's Olmsted), hy- drostatics, pneumatics, acoustics, optics, heat, mag- netism, elec. |
| | | B. S. | Junior: Same as in A. B. course. Senior: Analyt. chem., lab'y work. | Same as in A. B. course. |
| 69 | Union University, Schenectady, N. Y. | A. B. | Junior: Chem. (Cook), chem. Senior: Lab'y work. | Junior: Mechanics, physics (Daniell). Senior: Lab'y work. |
| | | B. S. | Same as in A. B. course. | Same as in A. B. course. |
| | | C. E. | Junior: Gen. chem., org. chem. Senior: Blowpipe anal. | Junior: Same as in A. B. course. Senior: Steam-en- gine, hydraulics. |
| 70 | Syracuse Univer- sity, Syracuse, N. Y. | A. B. | Junior: Chem. Senior: An- alyt. chem. | Sophomore: Solids, liquids, gases, heat. Junior: Light, elec., mechanics. |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| First year: Botany. Second year: Zoölogy, biology. | Third year: Same as in civil eng. | ..... | First year: Draw. Second year: Pract. mining, arch., draw., stereotomy. Third year: Eng., physical properties of materials, sanitary eng., draw. Fourth year: Civil eng., hydraulic eng., machinery and mill-work, mech. eng., sewerage, drainage, sanitary jurisprudence, drawing. | 65 |
| Sophomore: Comp. physiology. Senior: Botany. | Senior: Gen. geology.. | Freshman: Eng. hist. of the 18th and 19th centuries (Green). Sophomore: Outlines of modern hist. Junior: Polit. econ. (Fawcett). Senior: Natural and constitution law (Pomerooy), international law (Woolsey). | ..... | 66 |
| Sophomore: Same as in A. B. course. Junior: Descrip. zoölogy. Senior: Botany. | Junior: Phys. geog. Senior: Gen. geology, <i>-economic geology.</i> | Freshman: Ancient hist., Eng. hist. of the 18th and 19th centuries. Sophomore, Junior, and Senior: Same as in A. B. course. | Freshman: Industrial drawing (Mahan). | |
| Freshman: Botany (Gray), veg. morphology, physiology. Junior: <i>Comp. zoölogy</i> (Orton), <i>systematic zoölogy</i> . Senior: <i>Biology, veg. histology and physiology, cryptogamia.</i> | Junior: <i>Mineralogy</i> (Dana), <i>lithologic and physiographic geology</i> (Dana), <i>historical and dynamical geology.</i> | Freshman: <i>Hist. of art.</i> Sophomore: Greek and Roman hist., <i>medieval hist.</i> Junior: <i>Modern hist., hist. of art.</i> Senior: <i>Eng. and Amer. constitutional hist., polit. econ.</i> | ..... | 67 |
| Sophomore: Botany (Gray). Senior: Physiology (Huxley) zoölogy (Nicholson). | Senior: Geology (Le Conte), physical geog. | Sophomore: Lectures on the historical geog. of Europe. Junior: <i>Mediæval hist.</i> (Stillé). Senior: <i>Rom. law</i> (Morey), formation of the constitution, hist. of art, polit. econ., hist. of civilization (Guizot), politics (Crane and Moses). | ..... | 68 |
| Freshman: Botany (Gray). Sophomore and Senior: Same as A. B. course. | Same as in A. B. course. | Freshman: Outline of Eng. constitution (Rannie). Sophomore, Junior, and Senior: Same as in A. B. course. | ..... | 69 |
| Junior: Physiology (Dalton), zoölogy (Nicholson), <i>botany, biology.</i> | Junior: <i>Mineralogy</i> (Dana). Senior: Geology (Le Conte). | Senior: Hist. of civilization, <i>American politics.</i> | ..... |  |
| Freshman: Biology (Huxley and Martin). Sophomore: Botany (Gray, Bessey). Junior: Same as in A. B. course. | Same as in A. B. course. | Same as in A. B. course. | Freshman: Draw. | |
| ..... | Senior: Geology, mineralogy. | ..... | Freshman: Draw. Sophomore: Mechanism, draw., road eng. Senior: Materials of construction, design, stereotomy. | |
| Sophomore: Biology. Junior: <i>Botany</i> (Bessey), <i>zoölogy</i> (Colton). Senior: <i>Zoölogy.</i> | Senior: Geology, <i>mineralogy.</i> | Freshman: Ancient hist. (Rawlinson). Sophomore: <i>Mediæval and modern hist.</i> Junior: <i>Hist. of Eng. revolution, hist. of Fr. rev.</i> | Junior: <i>Drawing, architectural drafting.</i> Senior: <i>Æsthetics.</i> | 70 |

TABLE 23.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|-----------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 70 | Syracuse University, Syracuse, N. Y. —Continued. | | | |
| | | Ph. B. | Same as in A. B. course | Same as in A. B. course..... |
| | | B. S. | Same as in A. B. course | Sophomore: Same as in A. B. course. Junior: <i>Light, elec., mechanics.</i> |
| | | C. E. | Same as in A. B. course | Same as in B. S. course |
| 71 | Rensselaer Polytechnic Inst., Troy, N. Y. | C. E. | Second year: Inorg. chem. Third year: Qual. anal., blow-pipe anal., pract. chem. Fourth year: Metallurgy. | First year: El. physics (Ganot). Second year: Heat, optics. Third year: Rational mechanics, elec., magnetism. Fourth year: Thermodynamics, electrodynamics, physical mechanics. |
| | | B. S. | Second and third years: Same as in C. E. course. Fourth year: Quant. anal., gravimetric anal., metallurgy, volumetric anal., technical chem. | First and second years: Same as in C. E. course. Third year: Elec. and magnetism. Fourth year: Exp. physics. |
| 72 | University of North Carolina, Chapel Hill, N. C. | A. B. | Second year: Chem., physics, non-metals and metals, org. chem. Third and fourth years: <i>Indus. chem., qual. anal., quant. anal., assaying, metallurgy.</i> | Third year: Physics (Stewart). Third and fourth years: <i>Physics.</i> |
| | | Ph. B. | Same as in A. B. course | Same as in A. B. course..... |
| | | B. S. | Second year: Chem. physics, non-metals and metals, org. chem., qual. anal. Third and fourth years: <i>Quant. anal., assaying, agr. chem., metallurgy, indus. chem.</i> | Third year: Physics. Third and fourth years: <i>Physics, mechanics.</i> |
| 73 | Trinity College, Trinity College, N. C. | A. B. | Sophomore: Chem., lab'y work. Junior and Senior: Elective. | Junior: Physics (Ganot) |

and universities.—PART II—Continued.

Italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| | | <i>olution, hist. of education.</i> Senior: History of art, phil. of hist., constitutional law, <i>polit. econ., jurisprudence, Amer. revolution, constitutional hist. of Eng., international law, hist. of civilization.</i> | | 70 |
| Same as in A. B. course. | Same as in A. B. course. | Same as in A. B. course. | Sophomore: Drawing, drafting. | |
| Same as in A. B. course. | Freshman: Physiology. Senior: Same as in A. B. course. | Freshman and Sophomore: Same as in A. B. course. Junior: Same as in A. B. course, and <i>Amer. revolution.</i> Senior: Same as in A. B. course, omitting <i>Amer. Revolution.</i> | Freshman: Draw., drafting. Sophomore: Draw. | |
| Same as in A. B. course. | Same as in B. S. course. | Freshman: Ancient hist. Junior: Same as in A. B. course. Senior: <i>Polit. econ., jurisprudence, Amer. Revolution, hist. of art, phil. of hist., constitutional hist. of Eng., international law, constitutional law, hist. of civilization.</i> | Freshman, Sophomore, and Junior: Drawing. Senior: Road eng., strength of materials, draw., eng. construction, bridges and roofs, stability of structures. | |
| Second year: Botany.. | Third year: Mineralogy and petrography, descrip. and technical geology, determinative mineralogy. | Fourth year: Law of contracts. | First and second years: Stereotomy (Warren), topographical draw., free-hand draw. Third year: Stereotomy, topographical draw. Fourth year: Machines, construction, stereotomy, road eng., steam engine, topographical draw. | 71 |
| Second year: Botany. Third year: Zoölogy, histology. | Third year: Mineralogy, petrography, geology, lithology. Fourth year: Phys., geog., palaeontology, determinative mineralogy, petrography. | Same as in C. E. course.. | First and second years: Same as in C. E. course. Third year: Drawing. | |
| Third and fourth years: <i>Physiology, zoölogy, botany, economic entomology, advanced botany.</i> | Third and fourth years: <i>Geology, mineralogy.</i> | First year: Hist. Fourth year: <i>Polit. econ., constitutional and international law.</i> | Third and fourth years: <i>Eng., pract. horticulture.</i> | 72 |
| Third year: Physiology, zoölogy, botany. Fourth year: <i>Economic entomology, advanced botany.</i> | First year: Physiology. Fourth year: Geology. Third and fourth years: <i>Geology, mineralogy, pract. geology.</i> | Same as in A. B. course | Same as in A. B. course. | |
| First year: Entomology, physiology, zoölogy, botany. Second year: Biological lab'y. Third and fourth years: <i>Advanced botany, anat. and physiology, economic entomology.</i> | First year: Physiology. Third year: Geology, mineralogy. Fourth year: <i>Pract. geology.</i> | First year: Hist. Third and fourth years: <i>Hist., polit. econ., constitutional and international law.</i> | Third and fourth years: <i>Pract. horticulture.</i> | |
| Freshman: Physiology. Junior and Senior: Elective. | Freshman: Phys. geog. Senior: Geology (LeConte). Junior and Senior: Elective. | Freshman: Civil government, Eng. hist. Sophomore: French and German hist., Greek and Roman hist., social science, polit. econ. Junior: Polit. hist. of U. S. | Junior and Senior: Elective. | 73 |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|----------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 73 | Trinity College, Trinity College, N. C.—Continued. | | | |
| | | B. S. | Sophomore: Same as in A. B. course. Junior: Qual. anal. (Appleton). Senior: Quant. anal. (Appleton). | Sophomore: Mechanics (Dana). Junior: Physics. |
| 74 | Ohio State University, Columbus, Ohio. | Ph. B. B. L. A. B. | Same as in A. B. course. Same as in A. B. course. Freshman: Chem. (Norton). Sophomore: <i>Qual. anal.</i> Junior and Senior: <i>Lab'y work.</i> | Same as in A. B. course. Same as in A. B. course. Sophomore: <i>Physics</i> (Anthony and Brackett). Junior and Senior: <i>Lab'y work.</i> |
| | | Ph. B. | Same as in A. B. course. | Same as in A. B. course. |
| | | B. S. | Same as in A. B. course. | Sophomore: Physics. Junior and Senior: Elective. |
| | | B. Agr. | Sophomore and Junior: Agr. chem. | Senior: <i>Physics</i> |
| | | C. E. | Freshman: Chem. (Norton)... | Sophomore: Physics. Senior: <i>Lab'y work.</i> |
| | | M. E. | Freshman: Chem. Senior: Metallurgy. | Same as in C. E. course, and Senior: Thermodynamics. |

and universities.—PART II—Continued.

Italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: Botany, zoölogy, physiology. | Same as in A. B. course | (Johnston), constit. hist. of U. S. (Cooley), constit. hist. of Eng. (Hallam), polit. hist. of Eng. (Molesworth). Senior: Comp. politics, international law (Gallaudet), civil law (Robinson). | Sophomore: Draw. Junior: Mechanics (Goodeve and Rankin). | 73 |
| Same as in A. B. course Same as in A. B. course Sophomore: <i>Botany</i> (Wood) <i>physiology</i> (Martin), <i>pract. anat., comp. anat.</i> Junior and Senior: <i>Botany, zoölogy or histology.</i> | Same as in A. B. course Same as in A. B. course Freshman: <i>Mineralogy</i> (Dana). Senior: <i>Geology</i> (Le Conte). | Same as in A. B. course. Same as in B. S. course. Junior: Constit. and polit. hist. of U. S., <i>French revolution, polit. and constit. hist. of Eng., international law and municipal government.</i> Senior: Polit. econ., <i>Fr. rev., polit. and constit. hist. of Eng., international law and municipal gov.</i> | Same as in A. B. course. Same as in A. B. course. Sophomore: <i>Draw....</i> | 74 |
| Same as in A. B. course | Same as in A. B. course | Junior: Constit. and polit. hist. of U. S., <i>Fr. rev., polit. and constit. hist. of Eng., int. law and municipal gov.</i> Senior: Polit. econ., <i>Fr. rev., polit. and constit. hist. of Eng., int. law and municipal gov.</i> | | |
| Freshman: Botany. Sophomore: Physiology, <i>pract. anat., botany, comp. anat.</i> Junior and Senior: Elective. Freshman: Physiology (Walker). Sophomore: Botany. Junior: Vet. anat., zoölogy. | Freshman: Mineralogy. Senior: Geology. Senior: <i>Geology.....</i> | Sophomore: <i>Constit. and polit. hist. of U. S., constit. law</i> (Cooley), Amer. politics (Johnston). Junior and Senior: Elective. Sophomore: Hist. of U. S. (Johnston). Senior: Constit. and polit. hist. of U. S., <i>polit. econ.</i> | Sophomore: Draw. Freshman: Agr. (Emerson and Flint), domestic animals (Allen), gen. pathology (Stone), horticulture, stock-feeding (Stewart), materia medica (Bruce), how crops grow (Johnston), stock-breeding (Miles). Junior: Horticulture. Senior: Vet. science, agr. | |
| Freshman: Physiology. | Sophomore: Mineralogy (Dana). Junior: Geology. Senior: Economic geology. | ..... | Freshman: Draw. Sophomore: Draw., railroad surveying. Junior: Draw., bridge strains (Du Bois), strength of materials (Wood). Senior: Civil eng. (Mahan), plans and specifications, sanitary eng., projet work. | |
| Same as in C. E. course. | Junior: Geology..... | ..... | Freshman: Draw. Sophomore: Draw., mechanical lab'y. Junior: Mechanism, draw., designing, strength of materials. Senior: Prime movers Rankine, draw., mill work (Rankine), projet work. | |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|----------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| 74 | Ohio State University, Columbus, Ohio—Continued. | E. M. | Freshman: Chem. Sophomore: Lab'y work. Junior: Lab'y work, metallurgy (Phillips), assaying, blowpipe anal. Senior: Metallurgy. | Sophomore: Physics |
| 75 | Ohio Wesleyan University, Delaware, Ohio. | A. B. | Sophomore: Chem., <i>analyt. chem.</i> Junior: <i>Analyt. chem.</i> | Sophomore and Junior: Physics. |
| | | B. S. | Freshman: Chem. Sophomore: <i>Analyt. chem.</i> or museum practice. | Same as in A. B. course |
| | | B. L. | Junior: Chem | Senior: <i>Physics</i> |
| 76 | Marietta College, Marietta, Ohio. | A. B. | Senior: Chem. (Remsen), lab'y work. | Junior: Hydrostatics, pneumatics, acoustics, optics, heat, magnetism, elec. |
| | | Ph. B. | Same as in A. B. course | Same as in A. B. course |
| 77 | Oberlin College, Oberlin, Ohio. | A. B. | Sophomore: Chemical phil. (Wurtz), <i>qual. anal.</i> (Stoddard), <i>quant. anal.</i> (Bolton, Fresenius). | Freshman: Mechanics and heat (Anthony and Brackett). Sophomore: <i>Magnetism, elec., sound, light.</i> |
| | | Ph. B. | Sophomore: Chemical phil, <i>qual. anal.</i> | Sophomore: <i>Heat, magnetism, elec., sound, light</i> (Anthony and Brackett). |
| 78 | Western University of Pennsylvania, Allegheny, Pa. | A. B. | Sophomore and Junior: Gen. chem. (Kolbe's Inorganic Chemistry), chem. lab'y. Senior: <i>Chem. lab'y.</i> | Freshman and Sophomore: Physics. Senior: <i>Phys. lab'y.</i> |
| | | Ph. B. | Sophomore and Junior: Same as in A. B. course. Senior: <i>Chem. lab'y.</i> | Freshman and Sophomore: Physics. Junior: <i>Phys. lab'y.</i> Senior: <i>Phys. lab'y.</i> |
| 79 | Pennsylvania Military Academy, Chester, Pa. | C. E. | Second year: Gen. chem. (Shepard). Third year: Blowpipe anal. (Mason). Fourth year: Qual. anal. (Appleton). | First year: Physics (Avery). |
| | | B. S. | Second year: Gen. chem. Third year: Chem. physics (Cooke), <i>qual. and quant. blowpipe anal., qual. anal.</i> Fourth year: Chem. philosophy (Cooke), <i>qual. anal., quant. anal., assaying.</i> | Same as in C. E. course |

and universities.—PART II—Continued.

Italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Same as in C. E. course. | Sophomore: Mineralogy. Junior: Determinative mineralogy. Senior: Geology, economic geology. | ..... | Freshman: Draw. Sophomore: Draw. Junior: Bridge strains. Senior: Min. eng., ore dressing, strength of materials, project work. | 74 |
| Freshman: Physiology (Huxley). Sophomore: <i>Zoölogy</i> . Junior: <i>Physiology</i> . | Junior and Senior: Geology. | Freshman: Smith's Sacred Hist. Sophomore: Public econ. Junior: Hist. of civilization. Senior: Constit. law, int. law, art hist. | ..... | 75 |
| Freshman: Physiology, botany (Goodale). Sophomore: <i>Zoölogy</i> . Junior: <i>Physiology</i> . Sophomore: Physiology, botany. | Same as in A. B. course | Same as in A. B. course. | | |
| | Same as in A. B. course | Freshman: Hist. of Greece, hist. of Rome, hist. of Eng. (Montgomery), modern hist., commercial law. Sophomore: Hist. of France, Smith's sacred hist. Senior: Constitutional law, art hist., int. law, hist. of civilization. | Freshman and Sophomore: <i>Painting, drawing</i> . Junior and Senior: <i>Music, painting, drawing</i> . | |
| Sophomore: Physiology (Martin). Junior: <i>Botany</i> (Gray). | Senior: Geology | Junior: <i>Phil. of hist., hist. of civilization, manual of the Constit. of the U. S.</i> (Andrews), <i>Eng. constit. hist.</i> Senior: <i>Phil. of hist., hist. of civilization, constit. hist., ancient and modern Rome, int. law</i> (Woolsey), <i>polit. econ.</i> | ..... | 76 |
| Same as in A. B. course | Senior: Geology | Sophomore: Mediæval hist. (Fisher), modern hist. (Fisher). Junior and Senior: Same as in A. B. course. | | |
| Sophomore: Botany (Gray). Junior: <i>Zoölogy</i> (Packard). | Junior: <i>Mineralogy</i> (Brush). Senior: <i>Geology</i> (LeConte). | Senior: <i>Hist. of civilization</i> (Guizot), modern hist., <i>economics</i> (Walker), <i>int. law</i> (Woolsey), <i>Eng. constit. and govt.</i> | ..... | 77 |
| Same as in A. B. course | Same as in A. B. course | Junior: Mediæval hist. Senior: Same as in A. B. course. | | |
| ..... | Junior: Mineralogy. Senior: Geology. | Freshman: Hist. Senior: Int. law, U. S. constit., polit. econ. | ..... | 78 |
| ..... | Same as in A. B. course | Same as in A. B. course. | Freshman and Sophomore: Draw. | |
| ..... | Fourth year: Geology | Third year: Polit. science (Alden). | First and second years: Drafting. Third year: Field work, drafting, military tactics. Fourth year: Civil eng. (Wheeler), field work, drafting, military tactics, graphics. | 79 |
| ..... | Same as in C. E. course. | Same as in C. E. course. | First and second years: Drafting. Third and fourth years: Military tactics. | |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|--------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 79 | Pennsylvania Military Academy, Chester, Pa.—Continued. | Arch..... | Second year: Gen. chem | Same as in C. E. course |
| | | A. B | Same as in arch. course..... | Same as in C. E. course |
| 80 | Lafayette College, Easton, Pa. | A. B | Junior: Gen. chem. and lab'y work. Senior: <i>Chem.</i> | Junior: Physics..... |
| | | Ph. B | Freshman: Gen. chem., org. chem. Senior: <i>Chem.</i> | Same as in A. B. course..... |
| | | B. S | Same as in Ph. B. course | Same as in A. B. course..... |
| | | B. S. in Chem. | Freshman: Gen. chem., lab'y work, analyt. chem. Sophomore: Analyt. chem. Junior: Theoret. chem., analyt. chem., volumetric anal., blowpipe anal., org. chem. Senior: metallurgy, analyt. chem., org. chem., chem. technology. | Same as in A. B. course..... |
| | | C. E..... | Freshman: Gen. chem. Junior: Blowpiping. | Same as in A. B. course..... |
| | | Min. Eng.. | Freshman: Gen. chem. Junior: Analyt. chem., blowpipe anal., assaying. Senior: Metallurgy, analyt. chem. | Same as in A. B. course..... |
| | | Elec. Eng. | Freshman: Gen. chem., org. chem. Junior: Analyt. chem., chem. lab'y, blowpipe anal. | Junior: Phys. lab'y, mechanics, hydrostatics, pneumatics, heat, elec., thermodynamics, sound, light. Senior: Elec., photometry. |

and universities.—PART II—Continued.

Italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| ..... | ..... | Same as in C. E. course. | First and second years: Drafting. Third year: Arch. styles (Rosengarten), drafting, military tactics, building construction (Berg). Fourth year: Civil eng., strength of materials (Kidder, Berg), drafting, military tactics, building superintendence (Clark), ventilation and heating (Billings), sanitation (Putnam). | 79 |
| ..... | Same as in C. E. course. | Same as in C. E. course. | Third and fourth years: Military tactics. | 80 |
| Senior: Botany, zoölogy. | Senior: Geology (Le Conte), lithology. | Junior: Constit. of U. S. Senior: Polit. econ., hist., <i>Blackstone</i>. | ..... |  |
| Same as in A. B. course. | Freshman: Mineralogy. Senior: Same as in A. B. course. | Same as in A. B. course. | ..... |  |
| Sophomore: Botany. Junior: Zoölogy, botany. | Same as in Ph. B. course. | Same as in A. B. course. | Freshman: Drawing (optional). | |
| Sophomore: Botany | Sophomore: Physical mineralogy, descrip. mineralogy, determinative mineralogy. Junior: Geology, economic geology. | Senior: Polit. econ., hist. | Freshman: Drawing. | |
| Same as in B. S. in chem. | Sophomore: Same as in B. S. in chem. Senior: Same as in A. B. course. | Same as in B. S. in chem. | Freshman: Draw., division of land. Sophomore: Draw. Junior: Leveling, sewerage, roads, streets, and pavements, railroad eng., civil eng. (Mahan). Senior: Water supply, draw., theory of machines, stone cutting, machinery and motors, resistance of materials, stability of structures, river and canal improvements. | |
| Same as in B. S. in chem. | Sophomore: Same as in B. S. in chem. Junior: Lithology, geology, economic geology. | Same as in B. S. in chem. | Freshman and Sophomore: Same as in C. E. course. Junior: Leveling, mine sur., adjustment of instruments. Senior: Prospecting, boring, blasting, theory of machines, tunneling, shaft sinking, min. eng. | |
| Same as in B. S. in chem. | Same as in C. E. course. | Same as in A. B. course. | Freshman and Sophomore: Same as in C. E. course. Junior: Mech. eng., adjustment of instruments. Senior: Technical applications of elec., draw., theory of machines, machinery and motors, resistance of materials, stability of structures, foundations, walls, designs, graphical statics. | |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physice. |
|----|-------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 81 | Haverford College, Haverford College, Pa. | A.B. | Sophomore: Gen. chem. Junior: <i>Qual. anal., lab'y work.</i> Senior: <i>Chem.</i> | Sophomore: Physics. Senior: <i>Acoustics, optics, elec., magnetism.</i> |
| | | B.S. | Sophomore: Gen. chem. Junior: Chem., qual. and quant. anal. Senior: <i>Chem. anal.</i> | Sophomore and Junior: Physics. Senior: <i>Exp. physics.</i> |
| | | Engineering. | Sophomore: Gen. chem., qual. anal., lab'y work. Junior: Chem., anal. chem., lab'y work. Senior: <i>Analyt. chem.</i> | Sophomore: Heat. Junior: Phys. |
| 82 | Franklin and Marshall College, Lancaster, Pa. | A.B. | Freshman: El. chem. Junior: Inorg. chem. (Richter), lab'y work. | Junior: Mechanics, hydrostatics, pneumatics, acoustics, optics, heat, magnetism, elec. (Olmsted). |
| 83 | University of Pennsylvania, Philadelphia, Pa. | Arts | Sophomore: Inorg. and org. chem. | Sophomore: Mech. (Lodge). Junior: Sound, heat, light, elec. (Stewart). Senior: <i>Math. physics.</i> |
| | | Philosophy. | Sophomore: Inorg. chem. Junior: Inorg. analyt. chem., org. chem. Senior: <i>Org. chem.</i> | Sophomore and junior: Same as in arts course. |
| | | Finance and Economy. | Sophomore: Same as in course in arts or in philosophy. | Sophomore: Same as in arts course. |

and universities.—PART II—Continued.

Italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: <i>Physiology, descrip. botany.</i> Senior: <i>Gen. biology.</i> | Junior: <i>Geology</i> | Freshman: <i>Hist. of Greece, hist. of Rome, Greek and Roman antiquities.</i> Sophomore: <i>Eng. hist.</i> Junior: <i>Polit. econ., Constit. of U. S., mediæval and modern hist.,</i> Senior: <i>Polit. econ., int. law, constit. hist. of Eng., mediæval and modern hist., Renaissance, Reformation, hist. of Eng., Constit. and polit. hist. of U. S., ecclesiastical hist.</i> | Junior: <i>Shop-work, mech. draw.</i> Senior: <i>Civil and sanitary eng.</i> | 81 |
| Freshman: Same as in A. B. course. Sophomore: <i>Gen. biology.</i> Junior: <i>Cryptogamic botany and vertebrate zoölogy.</i> Senior: <i>Invertebrate zoölogy and embryology.</i> | Junior: <i>Geology, mineralogy (Dana).</i> | Same as in A. B. course. | Freshman and Sophomore: <i>Draw.</i> Senior: Same as in A. B. course. | |
| ..... | Junior: <i>Geology</i> | Freshman: Same as in A. B. course. Sophomore: <i>Polit. econ., Constit. of U. S.</i> | Freshman: <i>Draw., Shop-work.</i> Sophomore: <i>Pract. mech., draw.</i> Junior: <i>Mech. eng., civil eng., pract. mech., draw.</i> Senior: <i>Mech. eng., sanitary eng., drafting, civil eng.</i> | 82 |
| Sophomore: <i>Pract. zoölogy (Colton), botany (Bastin), pract. exercises in biology, pract. botany (Gray).</i> Junior: <i>Anat. (Martin), histology.</i> | Freshman: <i>Phys. geog. (Geikie).</i> Senior: <i>El. of geology (LeConte), dynamic and structural geology.</i> | Freshman: <i>Oriental hist. (Fisher), hist. of Greece and Rome (Fisher).</i> Sophomore: <i>Mediæval and modern hist. (Fisher), phil. of hist.</i> Senior: <i>Polit. econ. (Walker), prehistoric archæology.</i> | ..... | 83 |
| Junior: <i>Botany, (Gray), anat., zoölogy.</i> Senior: <i>Anat., zoölogy, histology (Schaffer).</i> | Junior: <i>Mineralogy. (Dana).</i> Senior: <i>Geology.</i> | Freshman: <i>Freeman's Gen. Sketch of Hist.</i> Sophomore: <i>Freeman's Gen. Sketch of Hist., Constit. of U. S.</i> Junior: <i>Church and state in America, economics, hist. of America.</i> Senior: <i>Phil. of hist., modern hist., int. law, el. of polit. econ. (Thompson).</i> | ..... |  |
| Junior: <i>Gen. zoölogy, gen. biology (Dolley), anat., botany (Gray).</i> Senior: <i>Zoölogy, anat., zoötomy, histology, embryology, physiology, structural physiological and economic botany.</i> | Same as in arts course. | Freshman: <i>Mediæval and modern hist. (Myers).</i> Sophomore: <i>Polit. and constit. hist. of Europe since 1789, Amer. hist.</i> Junior: <i>Economic and social hist. of Europe since 1789.</i> Senior: <i>Int. law, polit. econ.</i> | Freshman: <i>Draw.</i> | |
| ..... | ..... | Freshman and Sophomore: Same as in course in arts or in phil. Junior: <i>Theory of the state, public functions, colonial hist., hist. of pub. domain, distribution of population, government, social hist., polit. econ. (Thompson), currency and banking (Jevons), church and state in America, int.</i> | | |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|-------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 83 | University of Pennsylvania, Philadelphia, Pa.—Cont'd. | | | |
| | | Chemistry. | Sophomore: Inorg. chem. Junior: Lab'y practice and recitations in analyt. chem., org. chem. Senior: Metallurgy, quant. anal., applied inorg. chem., applied org. chem., org. lab'y, chem. seminary, assaying. Post-senior: Applied org. chem., indust. chem. lab'y, advanced chem. theory, special metallurgy, chem. seminary, <i>lab'y work</i> . | Sophomore and Junior: Same as in arts course. Senior: Pract. physics, <i>phys. lab'y</i> . |
| | | Mining and Metallurgy. | Sophomore: Inorg. chem. Junior: Qual. anal. Senior: Metallurgy, assaying, and blowpipe anal., analyt. chem. Post-senior: Metallurgy, analyt. chem. | Same as in course in chem.... |
| | | Civil Eng. | Sophomore: Inorg. chem. Junior: Qual. anal. Senior: Metallurgy, <i>blowpipe anal.</i> | Sophomore, Junior, and Senior: Same as in course in chem. Post-senior: Hydro-mechanics. |
| | | Dynam. Eng. | Sophomore: Inorg. chem. Senior: Metallurgy. | Sophomore: Mech. Junior: Sound, heat, light, elec., hydrostatics. Senior: Pract. phys., <i>phys. lab'y</i> , hydrodynamics, elec. Post-senior: Hydrodynamics, thermodynamics, electrodynamics. |
| | | Drawing and Arch. | Same as in dynam. eng..... | Same as in course in chem.... |
| 84 | Lehigh University, South Bethlehem, Pa. | Classical .. | Freshman: El. chem. (Fowne), Sophomore: <i>Qual. anal.</i> | Sophomore: Physics |
| | | Lat-Scientific, Science and Letters. | Freshman: El. chem..... Freshman: El. chem., qual. anal. | Sophomore: Physics Sophomore: Mechanics, heat, elec., sound, light, meteorology. |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|
| | | law, methods of accounting, civil govt. Amer. politics (Johnston), polit. econ. (Walker), economic hist. of U. S. Senior: Social science, polit. econ. (Mills), Amer. constit. hist. (Von Holst, Bancroft), finance, civil govt., mercantile law (Parsons), indust. hist. of U. S., Amer. constit. hist., polit. econ. (Ingram), mercantile practice, statistics, constit. and Rom. law (optional). | | 83 |
| | Junior and Senior: Mineralogy. Post-senior: Geology. | Freshman and Sophomore: Same as in course in phil. Junior: Economics and social hist. of Europe since 1789. Senior: Int. law, polit. econ. (Thompson). | Freshman: Draw. Senior: Mech. draw. Post-senior: Prin. of mechanism. | |
| | Junior: Mineralogy, geology, lithology, palæontology. Senior: Mineralogy, palæontology. Post-senior: Geology. | Freshman and Sophomore: Same as in course in phil. Senior: Same as in course in chem. | Freshman: Draw. Junior: Draw., mining. Senior and Post-senior: Mining eng. | |
| | Senior: Mineralogy. Post-senior: Geology. | Same as in course in chem. | Freshman: Draw. Junior: Draw., engineering, statics. Senior: Draw., arch., engineering. Post-senior: Pract. eng., drawing, modeling, arch. | |
| | | Same as in course in chem. | Freshman: Draw. Junior: Statics, kinematics, draw., shop work. Senior: Kinematics, steam-engine and boilers, shop work, eng. appliances. | |
| | Same as in civil eng... | Same as in course in chem. | Freshman: Draw. Junior: Arch., graphical statics. Senior: Draw., arch., engineering. Post-senior: Arch., draw., engineering. | |
| Freshman: Physiology. | Senior: Geology (Geikie). | Freshman: Hist. of Greece, hist. of Rome, Roman antiquities. Sophomore: Hist. of Rome, antiquities, universal hist. (Weber). Junior: Polit. hist. of recent times (Muller), hist. of Eng. (Hume), polit. econ. Senior: Int. law (Woolsey), Roman Empire (Gibbon), phil. of hist. Same as in classical course. | | 84 |
| Freshman: Physiology. | Senior: Geology (Geikie). | Same as in classical course. | | |
| Freshman: Physiology. Junior: Zoölogy (Tenney). | Junior: Crystallography, descrip. mineralogy. Senior: Lithology (Williams), historic, dynamic, and economic geology. | Freshman: Hist. of Rome and Greece. Sophomore: Hist. of Rome, universal hist. Junior and Senior: Same as in classical course. | | |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Classics. | Physics. |
|----|----------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 84 | Lehigh University, South Bethlehem, Pa.—Continued. | Civil eng. | Freshman: El. chem. | Sophomore: Same as in course in science and letters. Senior: Hydraulics. |
| | | Mech. eng. | Freshman: El. chem. Junior: Metallurgy. | Sophomore: Same as in course in science and letters. Senior: Thermodynamics, hydraulics. |
| | | Metallurgy. | Freshman: El. chem. Sophomore: Qual. anal. (Douglass and Prescott), stoichiometry. Junior: Assaying (Ricketts), chem. phil. (Cooke), metallurgy, blowpipe anal., quant. anal. (Fresenius). Senior: Metallurgy, blowpipe anal., quant. anal. | Sophomore: Mech., heat, elec. Senior: Hydraulics. |
| | | Mining ... | Freshman: El. chem. Sophomore: Qual. anal. Junior: Blowpipe anal. Senior: Assaying. | Same as in course in metallurgy. |
| | | Elec. eng. | Same as in course in letters and science. | Sophomore: Mech., sound, heat. Junior: Light, magnetism, meteorology, elec. static. elec., voltaic elec. Senior: Elec. lightning, telegraph and telephone. applications of elec. to railways, dynamic machines. |
| | | Chemistry. | Freshman: El. chem., qual. anal., stoichiometry. Sophomore: Chem. phil., quant. anal., blowpipe anal. Junior: Toxicology, quant. anal., org. chem., metallurgy. Senior: Metallurgy, assaying, org. chemistry, indus. chem., agr. chem., sanitary chem. | Same as in science and letters. |
| | | Arch..... | Freshman: El. chem. | Same as in civil eng. course. |
| 85 | Swarthmore College, Swarthmore, Pa. | A. B. | Junior* Gen. el. chem., <i>lab'y work.</i> Senior: <i>Chem.</i> | Sophomore: Gen. physics (Gage), mech. (Peck). Junior: <i>Thermodynamics, light.</i> |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Freshman: Physiology. | Same as in course in letters and science. | Junior: Hist..... | Freshman and Sophomore: Draw. Junior: Strength of materials, construction, roofs and bridges. Senior: Bridges, hydraulic and sanitary eng. | 84 |
| Same as in civil eng. course. | ..... | Junior: Hist..... | Freshman: Drawing, machine design. Sophomore: Machine design, steam engine (Holmes). Junior: Mech. technology, boilers (Wilson), strength of materials, kinematics, machine design, machinery of transmission. Senior: Statics, machine design, kinematics, mechanics of machinery, measurement of power. | |
| Same as in civil eng. course. | Junior: Same as in course in letters and science. Senior: Economic geology. | Junior: Hist..... | Freshman: Machine and min. draw. Sophomore: Draw. Junior: Strength of materials, steam engine. Senior: Mechanics of machinery, graphical statics, projects, mining, draw. | |
| Same as in civil eng. course. | Sophomore: Crystallography, descrip. mineralogy. Senior: Same as Junior in course in letters and science. | Junior: Hist..... | Freshman: Machine and min. draw. Junior: Strength of materials, steam engine. Senior: Mining, mechanics of machinery, draw., projects. | |
| Same as in civil eng. course. | ..... | Junior: Hist..... | Freshman: Drawing. Sophomore: Draw., steam engine. Junior: Strength of materials, boilers, machine design. Senior: Machine design, graphical statics of mechanism, measurement of power. | |
| Same as in civil eng. course. | Junior: Same as in course in science and letters. Senior: Lithology, historic and dynamic geology. | ..... | Freshman: Draw..... | |
| Same as in civil eng. course. | ..... | Junior: Hist. of architecture. | Freshman and Sophomore: Draw. Junior: Strength of materials, draw., construction, roofs and bridges, arch. Senior: Roofs and bridges, mechanics of machinery, boilers, arch., heating, ventilation, sanitary eng. | |
| Freshman: Zoölogy, el. botany, physiology. Sophomore: Zoölogy, advanced botany. Junior and Senior: <i>Gen. biology.</i> | Senior: <i>Mineralogy, geology</i> (Winchell). | Freshman: Hist. of Rome (Creighton), Rom. antiquities (Wilkins), development of Rom. constit. (Tighe). Sophomore: <i>Mediæval and mod. hist.</i> (Myers). Junior: <i>Eng. constit. hist.</i> , Amer. polit. and constit. hist. Senior: Polit. econ. (Walker), <i>int. law.</i> | Extras: Drawing, painting, phonography. | 85 |

TABLE 28.—*Courses of study in colleges*

[NOTE—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|---------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 85 | Swarthmore College, Swarthmore, Pa.— Continued. | B. L. | Same as in A. B. course. | Same as in A. B. course. |
| | | B. S. | Freshman: Gen. el. chem., lab'y work. Sophomore: Analyt. chem., qual. and quant. anal. Junior: Modern theory, quant. chem. anal. | Sophomore: Same as in A. B. course. Junior: Thermo- dynamics, light. Senior: <i>Elec. eng.</i> |
| | | Eng. | Freshman and Sophomore. Same as in B. S. course. Jun- ior and Senior: <i>Chem.</i> | Same as in B. S. course. |
| 86 | Washington and Jefferson College, Washington, Pa. | A. B. | Junior: Inorg. chem. (Roscoe). Senior: <i>Qual. anal., volumet- ric anal.</i> | Junior: El. mech., hydro- statics, acoustics (Ganot). Senior: heat, light, mag- netism, elec. |
| | | B. S. | Junior: Inorg. and org. chem. Senior: Same as in A. B. course. | Same as in A. B. course. |
| 87 | Brown University, Providence, R. I. | A. B. | Junior: Descrip., exp., and theoret. chem., stoichiom- etry, <i>analyt. chem.</i> Senior: <i>Analyt. chem.</i> | Sophomore: Mechanics. Jun- ior: Physics. Senior: <i>Lab'y work.</i> |
| | | Ph. B. | Sophomore: <i>Gen. chem., analyt. chem.</i> Junior: <i>Analyt. chem.</i> Third year: Inorg. chem. (Richter), qual. anal. | Same as in A. B. course. |
| 88 | University of South Carolina, Colum- bia, S. C. | Gen. Sci. ... | | Second year: Prin. of phys- ics. |
| | | Civil Eng. | Second year: Same as in third year in course in gen. sci- ence. Third year: Qual. anal. | Second year: Prin. of phys- ics. Third year: Pract. physics. Fourth year: Ther- modynamics. |
| | | Mech. Eng. | Second year: Inorg. chem. Fourth year: Qual. anal. | Second year: Prin. of phys- ics. Third year: Pract. physics, mech. Fourth year: Thermodynamics. |
| | | Agricul- ture. | Second year: Inorg. chem. Third year: Org. chem., qual. anal. Fourth year: Agr. chem., quant. anal. | Same as in course in gen. science. |
| | | Chemistry. | Second year: Inorg. chem. Third year: Org. chem., chem. tech., qual. anal. Fourth year: Quant. anal., volumetric and org. anal., agr. chem. | Second and third years: Same as in civil eng. course. |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Same as in A. B. course. | Same as in A. B. course. | Freshman: Same as in A. B. course. Sophomore: Mediaeval and modern hist. Junior: Eng. constit. hist., Amer. polit. and constit. hist. Senior: Same as in A. B. course. | Same as in A. B. course. | 85 |
| Freshman and Sophomore: Same as in A. B. course. Junior and Senior: Gen. biology. | Same as in A. B. course. | Freshman and Sophomore: Same as in A. B. course. Junior: Eng. constit. hist., Amer. polit. and constit. hist. Senior: Same as in A. B. course. | Same as in A. B. course. | |
| Freshman: Physiology, zoölogy, botany. Junior and Senior: Gen. biology. | Same as in A. B. course. | Elective | Freshman and Sophomore: Shop-work, drafting, drawing, painting, phonography. Junior: Eng., phon., draw., painting. Senior: Eng., eng. practice, phon., draw., painting. | |
| Junior: Physiology (Huxley), zoölogy (Packard), botany (Gray). | Senior: Geology (Dana). | Freshman: Reign of Edward III (Hume). Sophomore: Reign of Queen Elizabeth (Hume.) Junior: Polit. econ. (Walker), constit. law (Cooley). Same as in A. B. course. | | 86 |
| Freshman: Botany (Gray). Sophomore: El. biol. comp. anat., bot. Junior: Physiol. Sophomore: Physiology, botany. Junior: Zoölogy. Senior: Agr. zoölogy. | Freshman: Phys. geog. Junior: Mineralogy (Dana). Senior: Geology. Senior: Geology (Dana). | Same as in A. B. course. | Freshman: Draw. | |
| | | Junior: Gen. hist. of Europe, polit. econ. (Walker). Senior: Constit. and polit. hist. of Eng. and U. S., int. law, hist. of polit. econ., constit. of European and American states. | | 87 |
| Same as in A. B. course. | Freshman: Phys. geog. Senior: Geology. Fourth year: Mineralogy, geology. | Same as in A. B. course. | Freshman: Drawing. | |
| Third year: Struct. botany (Gray), physiology, zoölogy (Claus). | | First year: Europe and the middle ages, modern European hist. (Myers), hist. geog. Fourth year: Polit. econ. | First year: Draw. | 88 |
| ..... | Same as in course in gen. science. | ..... | First year: draw., mech. technology. Second and third years: Draw. Fourth year: Civil eng., draw. | |
| ..... | Same as in course in gen. science. | ..... | First year: Draw., mech. tech., wood-work. Second year: Mech. tech., and draw., vice-work. Third year: Prin. of mech., draw., mach. work. Fourth year: Designing, draw., machine work. | |
| Second year: Struct. and systematic botany. Third year: entomology, zoölogy, physiology, veg. physiology, cryptogamic botany. | Same as in course in gen. science. | Fourth year: Polit. econ. | First year: Draw., agr., wood-work, mech. tech. Second year: Agr., horticulture. Third year: Vet. science, animal husbandry, agr. Fourth year: Vet. science, agr. | |
| Third year: Struct. and systematic botany, zoölogy, physiology. Fourth year: Physiol. and cryptogamic botany, microscopy, bacteriology. | Third year: Mineralogy. Fourth year: Geology, appl'd mineralogy. | ..... | First year: Drawing. | |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|----------------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| 88 | University of South Carolina, Columbia, S. C.—Continued. | Nat. Hist.. | Second year: Inorg. chem. Third year: Qual. anal. Fourth year: Quant. anal. | Same as in course in chemistry. |
| | | Classical.. | Third year: Inorg. chem..... | Same as in course in gen. science. |
| | | Latin and Mod. Lang. | Same as in classical course.... | Same as in course in gen. science. |
| | | Eng. Lit... | Same as in classical course.... | Same as in course in gen. science. |
| | | Hist. and Phil. | Same as in classical course.... | Same as in course in gen. science. |
| 89 | University of Tennessee, Knoxville, Tenn. | Lat.-Liter.-Sci. Scientific. | Sophomore: El. chem. Junior: <i>Agr. and org. chem.</i> | Junior: Physics..... |
| | | | Sophomore: <i>El. chem.</i> Junior: Same as in Lit.-scien. course. | Same as in lit.-scien. course... |
| | | Agr..... | Sophomore: El. chem. Junior: Agr. chem. Senior: Quant. anal. | Same as in lit.-scien. course... |
| | | Chem..... | Sophomore: El. chem. Junior: Analyses, agr. and org. chem. Senior: Analyses, metallurgy. | Same as in lit.-scien. course... |
| | | Civil Eng. | Sophomore: El. chem..... | Junior: Mech., physics. Senior: Mech. |
| | | Mech. Eng. | Sophomore: El. chem..... | Same as in civil eng. course... |
| | | Min. Eng.. | Sophomore: El. chem. Junior: Analyses. Senior: Metallurgy, analyses. | Junior: Mech., physics..... |
| 90 | Fisk University, Nashville, Tenn. | A. B..... | Senior: Chem. (Eliot and Storer). | Junior: Physics (Gillet and Rolfe). |
| 91 | Vanderbilt University, Nashville, Tenn. | A. B..... | Junior: Chem., physics, inorg. chem., org. chem. (Roscoe, Bloxam or Remsen). | Junior: Doctrine of forces and their applications, sound, heat, magnetism, elec. (Peck's mech., Atkinson's Ganot). Senior: Optics. |

and universities—PART II.—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Third year: Same as in course in chem. Fourth year: Physiological and cryptogamic botany, microscopy, bacteriology, physiology. Second year: Struct. botany, physiology. Third year: Same as in second year in classical course. Same as in classical course. Same as in classical course. Freshman: Botany, zoölogy. Sophomore: Botany or systematic zoölogy. Junior: <i>Entomology and physiology</i> . Senior: Elective. | Third year: Mineralogy, geology. Fourth year: Applied geology and mineralogy. Fourth year: Geology. Same as in classical course. Same as in classical course. Same as in classical course. Senior: <i>Mineralogy and geology</i> . | Same as in course in gen. science. Same as in course in gen. science. Same as in course in gen. science. Sophomore: Hist. of England. Senior: Polit. econ., hist. of civilization. | First, third and fourth years: Drawing. | 88 |
| Freshman: Bot., zoölogy. Sophomore: <i>Botany or systematic zoölogy</i> . Junior and Senior: Same as in lit. science course. | Same as in lit. scientific course. | Same as in lit. science course. | Freshman: Draw. Junior: Military tactics. | 89 |
| Freshman: Bot., zoölogy. Sophomore: Bot., systematic zoölogy. Junior: Bot., entomology. Senior: Zoölogy. | Same as in lit. science course. | Same as in lit. science course. | Freshman: Draw., shop work, agr. Sophomore: Agr. Junior: Agr., mil. tactics. Senior: Agr., horticulture. | |
| Freshman: Bot., zoölogy. | Senior: Mineralogy, geology. | Sophomore: Hist. of England. | Freshman: Draw., shop work, agr. Sophomore: Draw. Junior: Mil. tactics. | |
| ..... | Same as in chem. course. | Sophomore: Hist. of England. Senior: Polit. econ. | Freshman: Draw., shop work. Sophomore: Draw. Junior: Civil eng., draw., materials, tactics. Senior: Prime movers, civil eng. | |
| ..... | ..... | ..... | Freshman and Sophomore: Draw., shop work. Junior: Materials, draw., shop work, tactics. Senior: Prime movers, machine design, shop work, indicator practice. | |
| ..... | Same as in chem. course. | ..... | Freshman and Sophomore: Draw., shop work. Junior: Tactics. Senior: Mine surveying. | |
| Sophomore: Botany (Wood). Junior: Physiology (Martin). Senior: Zoölogy (Tenney). | Senior: Geology and mineralogy (Dana). | Senior: Polit. econ. (Wayland). | ..... | 90 |
| Senior: Struct. and systematic botany, gen. zoölogy, biology. | Senior: Gen. mineralogy, physiography, lithology, historical and dynamical geology. | Freshman: Hist. of Greece (Smith), Labberton's atlas. Sophomore: Hist. of Rome (Leighton), Labberton's atlas. Junior: <i>Hist. of Eng. people</i> (Green), <i>hist. of Germany</i> (Bayard Taylor). Senior: <i>Polit. econ.</i> (Mill), <i>int. law</i> (Davis), <i>hist. of Amer. politics</i> (Johnston). | ..... | 91 |

TABLE 23.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|-------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 91 | Vanderbilt University, Nashville, Tenn.—Cont'd. | B. S. | Freshman: Chem. physics, inorg. chem., org. chem. Sophomore: Chem. technology (Wagner), lab'y work. Junior: <i>Org. chem., lab'y work.</i> Senior: <i>Metallurgy.</i> | Same as in A. B. course..... |
| | | Civil eng.. | Freshman: Chem. physics, org. and inorg. chem., qual. anal., exp. work. Sophomore: Quant. anal. Junior: Chem. tech., application of chem. to arts and manufactures, quant. anal. (optional). Fifth year: Lab'y tests of potability of drinking waters. | Junior: Same as in A. B. course, and mech., hydraulics. Senior: Optics. |
| | | Mech. eng. | Freshman and Sophomore: Same as in civil eng. course. Junior: Chem. tech., application of chem. to the arts and manufactures, quant. anal. Senior: <i>Metallurgy, chem. lab'y.</i> | Junior: Same as in civil eng. course. Senior: Optics, phys. lab'y, thermodynamics. Fifth year: Phys. lab'y. |
| | | Min. eng .. | Same as in mech. eng. course, and, fifth year, metallurgy, chem. lab'y. | Junior: Same as in civil eng. course. Senior: Phys. lab'y. Fifth year: Optics. |
| | | | | |
| 92 | University of Texas, Austin, Tex. | A. B. | Sophomore: <i>El. chem.</i> (Shepard). <i>qual. anal.</i> (Fresenius). Junior: <i>Chem. phil.</i> (Cooke). <i>org. chem.</i> (Remsen), <i>qual. anal.</i> Senior: <i>Technological chem., quant. anal., theories of chem.</i> | Freshman: <i>Mech., hydrostatics, pneumatics, elec., magnetism.</i> Sophomore: <i>Light, heat, sound.</i> Junior and Senior: <i>Pract. physics.</i> |
| | | B. L. | Same as in A. B. course | Same as in A. B. course..... |
| | | Scientific.. | Sophomore: <i>El. chem., qual. anal.</i> Junior: <i>Chem. phil., org. chem., qual. anal.</i> Senior: <i>Technological chem., quant. anal., theories of chem.</i> | Freshman: <i>Mech., hydrostatics, pneumatics, elec., magnetism.</i> Sophomore: <i>Light, heat, sound.</i> Junior: <i>Pract. physics.</i> |
| | | Engineering. | Sophomore: <i>El. chem., qual. anal.</i> Junior and senior: Same as in A. B. course. | Freshman: Same as scientific course. Sophomore and junior: Same as in A. B. course. Senior: <i>Elec. eng.</i> |
| | | Chemistry. | Same as in scientific course ... | Freshman, Sophomore, and Junior: Same as in scientific course. Senior: <i>Elec. eng.</i> |

and universities.—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Sophomore: Same as Senior in A. B. course. Junior: Botany, zoölogy. | Sophomore: Same as Senior in A. B. course. Junior: Determinative mineralogy, lithology. Senior: <i>Applied geology.</i> | Freshman: Hist. of Eng. people, hist. of Germany, Labberton's Atlas. Junior: <i>Hist. of Rome, hist. of Greece.</i> Senior: Same as in A. B. course. | | 91 |
| Junior: Struct. and systematic botany and gen. zoölogy (optional). Senior: Same as in A. B. course. Fifth year: Botany and zoölogy with the microscope. | Junior: Same as Senior in A. B. course (optional). Senior: Same as in A. B. course. Fifth year: Same as Junior in B. S. course. | Fifth year: Polit. econ., int. law. | Freshman: Drafting, wood shop. Sophomore: Drafting, forge, shop, and foundry, kinematics of machinery (optional). Junior: Materials, machine design (opt.), shop work (opt.). Senior: Eng. Fifth year: Eng., eng. law. | |
| Junior: Same as in civil eng. course. | Junior: Same as in civil eng. course. | Senior: Polit. econ., int. law. | Freshman: Drafting, wood shop. Sophomore: Drafting, forge, shop, and foundry, kinematics of machinery. Junior: Materials, machine design (opt.), shop work. Senior: Shop work, steam-boilers, Fifth year: Designing, shop work, eng., eng. law. | |
| Junior: Struct. and systematic botany, gen. zoölogy. | Junior: Same as Senior in A. B. course. Senior: <i>Applied geology.</i> | Same as in mech. eng... | Freshman and Sophomore: Same as in mech. eng. course. Junior: Materials, machine design, shop work. Senior: Eng., machinery. Fifth year: Mining, structures, ventilation, drainage, eng. law. | |
| Senior: <i>Physiology</i> (Flint, Gray, Foster), <i>botany.</i> | Junior and Senior: <i>Geology</i> (Geikie). | Freshman: Hist. of Greece (Smith), hist. of Rome (Merivale). Sophomore: <i>Hist. of Middle Ages</i> (Gibbons). Junior: <i>Hist. of modern Europe</i> (Lodge). Senior: <i>Hist. of Eng.</i> (Green), polit. econ. (Say). | Junior and Senior: <i>Graphics.</i> | 92 |
| ..... | Same as in A. B. course | Freshman: Same as in A. B. course. Sophomore: Hist. of middle ages. Junior: Hist. of modern Europe. Senior: Same as in A. B. course. | Same as in A. B. course. | |
| ..... | Junior and Senior: <i>Geology.</i> | Sophomore, Junior, and Senior: Same as in A. B. course. | Same as in A. B. course. | |
| Same as in A. B. course. | Same as in A. B. course. | Freshman: <i>Hist. of Greece, Hist. of Rome.</i> Sophomore, Junior and Senior: Same as in A. B. course. | Freshman: Draw., field practice, graphics. Sophomore: Draw., highways, railroads, and canals, drainage, and sewerage, graphics. Junior: Graphics, stereotomy, strength of materials, eng. structures. Senior: Graphics, draw., machinery, eng. structures. | |
| Sophomore: <i>Biology</i> .. | Junior: <i>Geology.</i> Senior: <i>Geology.</i> | Same as in engineering course. | Same as in eng. course (<i>elective</i>). | |

TABLE 28—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|----|--------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 92 | University of Texas, Austin, Tex.—Con- tinued. | Physics... | Same as in Eng. course..... | Freshman and Sophomore: Same as in scientific course. Junior: Pract. physics. Senior: Pract. physics, elec. eng. |
| | | Geology... | Sophomore and Junior: Same as in scientific course. Sen- ior: Same as in A. B. course. | Freshman and sophomore: Same as in scientific course. |
| 93 | University of Ver- mont, Burlington, Vt. | Arts | Sophomore: El. chem | Junior: El. mech. and el. physics (Daniell). |
| | | Lit.-Scien. | Sophomore: El. chem | Same as in A. B. course..... |
| | | Engineer- ing. | Freshman: Gen. principles of chem., lab'y work. | Sophomore: Physics (Stew- art). Junior: Mech. (Weis- bach). Senior: Mech., hy- drostatics, hydraulics. |
| | | Chemical.. | Freshman: Same as in Eng. course. Sophomore: Qual. anal., quant. anal. Junior: Quant. anal. stoichiometry, assaying. Senior: Org. chem., lab'y work, hist. of chem., indust. chem. | Sophomore: Physics..... |
| | | Agr. | Freshman and Sophomore: Same as in chem. course. Junior: Quant. anal., blow- pipe anal., anal. of manures. Senior: Anal. of foods, anal. of soils, animal chem. | Junior: Physics, meteorology (Loomis). |
| 94 | Middlebury College, Middlebury, Vt. | Classical.. | Junior: Chem. (Greene and Jones). | Sophomore: Mechanics (Dana). Junior: Physics (Atkinson's Ganot), elec., heat, light. |
| | | Lat.-Scien. | Same as in classical course.... | Same as in classical course.... |
| 95 | Randolph-Macon College, Ashland, Va. | Ph. B | Inorg. chem. (Shepard), chem. phil., chem. anal., org. chem. (Youman), chem. of carbon compounds. | Mechanics (Dana), <i>theoret.</i> <i>physics</i> (Daniell, Jevons). |
| 96 | Hampten-Sidney College, Hampden- Sidney, Va. | A. B | Same as in Ph. B. course..... | Mechanics..... |
|  |  | ..... | Junior: Chem. (Yonman, Wurtz), <i>chem. phil.</i> (Cooke), <i>technology</i> (Wagner), agr. chem. (Johnston). | Senior: Physics (Ganot), Mech. (Bartlett). |
| 97 | Washington and Lee University, Lexington, Va. | ..... | El. chem. (Remsen, Cooke), inorg. chem. (Richter), org. and theoret. chem. (Remsen). | Prop. of matter, hydrostatics, pneumatics, acoustics, heat, light, elec., magnetism (Gage), el. mechanics (Dana), hydraulics, analyt. mechan- ics (Michie). |
| 98 | University of Vir- ginia, Charlottes- ville, Va. | A. B. | Gen. chem. (Fowne), chem. technology (Wagner). | Sound, light, heat, elec., (Smith), math. physics. |

and universities,—PART II—Continued.

italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|----|
| Sophomore: <i>Biology</i> .. | Same as in course in chem. | Same as in Eng. course | Freshman: Graphics, <i>draw., field practice.</i> Sophomore, Junior, and Senior: Same as in course in chem. | 92 |
| Sophomore: Biology, botany. | Junior: Geology, geologic methods, mineralogy, applied geology. Senior: geology, paleontology. | Freshman, Sophomore, and Junior: Same as in Eng. course. Senior: Hist. of England, polit. econ. | Same as in course in physics. | |
| Junior: Botany, physiology (Martin), zoölogy. | ..... | Senior: Constit. hist., hist. of civilization (Guizot), int. law (Woolsey), polit. econ. (Mill). | ..... | 93 |
| Junior: Same as in A. B. course and anthropology. | Junior: Mineralogy (Dana). Senior: Geology (Le Conte). | Same as in A. B. course. | ..... |  |
| Freshman: Botany. Junior: Physiology. | ..... | ..... | Freshman: Draw. Sophomore: Field work, draw. Junior: Draw., field work, eng. (Searle). Senior: Draw., civil eng. (Mahan). | |
| Junior: Zoölogy, physiology. | Junior: Crystallography, mineralogy. Senior: Geology. | Senior: Polit. econ. | Freshman: Draw. | |
| Same as in chem. course. | Same as in chem. course. | Senior: Polit. econ., Constitution of U. S. | Freshman and Sophomore: Same as in eng. course. Junior: Forestry. Senior: Road-making, breeding of animals, vet. med. and surg. | |
| Junior: Botany (Kellerman, Gray). | Senior: Geology (Orton, Dana). | Freshman: Hist. of Rome, hist. of Greece (Smith). Sophomore: Hist. of Rome. Junior: Science of wealth (Pollard's Laveleye). Senior: Constit. law (Cooley), int. law (Davis). | ..... | 94 |
| Freshman: Physiology (Huxley). Junior: Botany. | Sophomore: Physiographic geology (Geikie). Senior: same as in classical course. | Freshman: Hist. of Rome, Eng. hist. (Green), civics (Young). Sophomore: Hist. of Rome, Hist. of civilization (Guizot). Junior and Senior: Same as in classical course. | ..... |  |
| Physiology (Martin), botany (Gray), zoölogy (Huxley and Martin, Brooks, Conn). | Geology (Le Conte), <i>mineralogy</i> (Dana). | Polit. econ. (Walker).... | <i>Draw</i> | 95 |
| Physiology..... | Geology..... | Same as in Ph. B. course. | ..... |  |
| Junior: Physiology (Huxley and Youman). | Senior: Geology (Le Conte). | Senior: Polit. econ. (Perry), Hist. of Civilization (Guizot). | Civil eng..... | 96 |
| Zoölogy (Packard), botany (Gray), pract. biology (Marshall and Hurst, Huxley and Martin), physiology (Martin, Wilson). | Mineralogy (Dana), geology (Le Conte). | Modern hist., Bible hist., civil govt. (Young), polit. econ. (Perry). | Draw., stonecutting (Warren), civil eng. (Rankine), field eng. (Searle), steam and gas-engines. | 97 |
| ..... | ..... | Hist. of Greece, (Smith), hist. of Rome, (Merivale), hist. of Decline and Fall of Rome, (Gibbons), modern hist. (Lodge), Labberton's new hist. | ..... | 98 |

TABLE 28.—*Courses of study in colleges*

NOTE.—Studies in

| | Name and location. | Course. | Chemistry. | Physics. |
|-----|------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 98 | University of Virginia, Charlottesville, Va.—Cont'd. | A. M. | Gen. chem. (Fowne)..... | Same as in A. B. course, and pract. physics. (Kohlrausch). |
| | | C. E. | Gen. or indus. chem. | Same as in A. B. course, and <i>pract. physics</i> , applied mech. |
| | | Min. eng. | Gen. and indus. chem., an- alyt. chem. | Same as in A. B. course..... |
| | | B. S. A. | Gen. and indus. chem., an- alyt. and agr. chem. | Same as in A. B. course..... |
| 99 | University of Washington, Seattle, Wash. | A. B. | Junior: chem. (Avery)..... | ..... |
| | | B. S. | Same as in A. B. course ..... | ..... |
| 100 | West Virginia University, Morgantown, W. Va. | A. B. | Second year: Inorg. chem.... | First year: Mech., elec., mag- netism, sound, heat, light, (Arnott, Avery). |
| | | B. S. | Second year: Inorg. chem., chem. phil., org. chem. | Same as in A. B. course..... |
| | | Eng. | Second year: Same as in B. S. course. Third year: An- alyt. chem. | Same as in A. B. course..... |
| 101 | University of Wisconsin, Madison, Wis. | ..... | Descrip. inorg. chem., qual. anal., descrip. org. chem., quant. anal., advanced org. chem., metallurgical course in chem., toxicology and urine anal., metallurgy, as- saying, agr. chem. | Exp. lectures on sound, light, heat, elec., and magnetism; lab'y work in elec., magnet- ism, sound, and light; math. physics, el. mechanics, (Dana), analyt. mech. (Bow- ser), thermodynamics, agr. physics. |

and universities.—PART II—Continued.

Italics are elective.

| Biology. | Geology and mineralogy. | History and political economy. | Technics. | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| | | | | 98 |
| | Geology, (Le Conte), mineralogy, and lithology (Dana). Same as in C. E. course. | | Road and railroad eng., bridge construction, hydraulic and sanitary eng. | |
| Biology (Huxley and Martin), botany (Bessey, Gray, Chapman), pract. biology. Sophomore: Biology (Colton), zoölogy, (Packard). | Same as in C. E. course. | | Prin. of agr. (Johnson, Storer). | |
| | Junior: Mineralogy (Dana). Senior: geology (Winchell). | Junior: Polit. econ. (Chapin-Wayland), gen. hist. (Thalheimer). | | 99 |
| Same as in A. B. course. | Same as in A. B. course. | Same as in A. B. course. | | |
| Second year: Field botany (Gray). Third year: Zoölogy. Fourth year: Anat., physiology. | Third year: Geology (Le Conte). | First year: Polit. econ.; Second year: Ancient, mediæval, and modern hist. (Myers). Third year: Polit. econ. | Fourth year: Agriculture. | 100 |
| Second year: Field botany. Third year: Zoölogy and structural botany; Fourth year: Anat., physiology. | Same as in A. B. course. | First year: Polit. econ. Second year: <i>ancient, mediæval, and modern hist.</i> Third year: <i>Polit. econ.</i> | | |
| | Second year: Geology and mineralogy. | Third year: Polit. econ. | First year: Draw., field work. Second year: Railroad sur., leveling, road-making, earth work, foundations and masonry, draw. Third year: Railroad location, mine sur. Fourth year: Bridging, tunneling, mine eng., hydraulic, geodetic and sanitary eng. | |
| Gen. zoölogy (Orton, Huxley and Martin), invertebrate zoölogy (Claus-Sedgwick), vertebrate anat. (Weidersheim), histology, physiology (Martin), embryology (Foster and Balfour), bacteriology, morphology of flowering plants (Gray), gen. morphology, applied botany, pharmaceutical botany, economic entomology. | Blowpipe anal. (Brush), crystallography, gen. and descrip. mineralogy, determinative mineralogy (Brush), optical and microscopic mineralogy (Rosenbusch-Iddings), microscopic petrography, gen. geology (Geikie), applied geology. | Elementary law (Robinson), Eng. constit. law, Amer. constit. law (Cooley), int. law, Rom. law (Morey), polit. econ. (Walker), dynastic and territorial hist., gen. hist. of the U. S., Eng. hist., Revolutionary epochs, hist. of the 19th cent., constit. and polit. hist. of the U. S., hist. of ancient and modern institutions, archaeology, hist. of society, Eng. economic hist., hist. of the Northwest. | Military science and tactics, music, stereotomy (Warren), graphic statics, mech. of materials, theory of structures, mech. of machinery, topographical eng., sanitary eng., hydraulic eng., el. of machines, building construction, mine eng., steam engine, hydraulic motors, drafting, pract. mechanics, manual training, ore concentration, animal husbandry, farm management, vet. science, horticulture. | 101 |

CHAPTER XXIX.

MANUAL TRAINING.

The very full consideration given the statistics of manual training in our last report leaves no occasion, after so short an interval, to do more than present the statistics that the Bureau has since been able to obtain.

It would be unreasonable to expect that the Bureau's list of systems having introduced manual training is exhaustive, for the system introducing manual training is under no obligation to spontaneously and immediately report the fact to the Bureau, nor, in many cases, does the Bureau know the fact until long afterwards through the medium of a printed city school report or a periodical. Equally unjust would it be to manual training, therefore, to claim that our figures show its condition, statistically speaking, with the greatest possible completeness.

In conclusion it is to be said that very frequently information arrives that such and such a system has introduced manual training. A blank form is sent to that system on the strength of this. But it is returned with a note to the effect that the manual training the system has is calisthenics, or drawing merely, etc., from which it may be inferred that the connotation of the term manual training is not everywhere the same.

TABLE 1.—*Instructors and pupils in manual training schools for 1888-89.*

| Location. | Name. | Instructors. | | | | Pupils. | | | | |
|-----------------------|--------------------------------------------------------------------|----------------------|---------|----------|------------------|-----------|---------|-------------------------|-------------|---------------------|
| | | Literary department. | | Drawing. | Manual training. | Enrolled. | | In literary department. | In drawing. | In manual training. |
| | | Male. | Female. | | | Male. | Female. | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Denver, Colo. | Haish Manual Training School* | 5 | 2 | 1 | 1 | 24 | 1 | 25 | 25 | 25 |
| Chicago, Ill. | Chicago Manual Training School. | 5 | 0 | 2 | 4 | 229 | 0 | 229 | 229 | 229 |
| Do. | Manual Training Department, Chicago High School. | a20 | a36 | a6 | 3 | 76 | 0 | ..... | ..... | 76 |
| New Orleans, La. . . | Manual Training Department, Tulane University. | 26 | 0 | 2 | 5 | 294 | 0 | 294 | 260 | 260 |
| Baltimore, Md. | Baltimore Manual Training School. | 7 | 0 | 2 | 6 | 608 | 0 | 690 | 690 | 690 |
| McDonogh, Md. | McDonogh Institute | 6 | 0 | 2 | 2 | 100 | 0 | 100 | 100 | 100 |
| Minneapolis, Minn. . | School of Practical Mechanics and Design.* | ..... | ..... | 2 | 3 | 82 | 31 | ..... | 113 | 78 |
| St. Louis, Mo. | Manual Training School of Washington University. | 5 | 1 | 2 | 4 | 241 | 0 | 241 | 241 | 241 |
| Omaha, Nebr. | Manual Training Department of the High School. | a6 | a11 | ..... | 1 | 67 | 2 | ..... | ..... | 69 |
| Brooklyn, N. Y. | Technical High School Department of Pratt Institute. | 2 | 3 | 4 | 7 | 40 | 3 | 43 | 43 | 43 |
| New York, N. Y. | Hebrew Technical Institute. . . | 2 | 0 | 2 | 4 | 140 | 0 | 140 | 140 | 140 |
| Do. | Manual Training Department of the College of the City of New York. | ..... | ..... | a5 | 2 | 230 | 0 | 230 | ..... | 230 |
| Cincinnati, Ohio. . . | The Technical School of Cincinnati. | 3 | 1 | 2 | 2 | 81 | 4 | 84 | 85 | 84 |
| Cleveland, Ohio. . . | The Cleveland Manual Training School.* | ..... | ..... | 2 | 4 | 140 | 0 | ..... | 140 | 140 |
| Toledo, Ohio. | Manual Training School. | a5 | a12 | 3 | 6 | 123 | 161 | ..... | 214 | 284 |
| Philadelphia, Pa. . . | Manual Training Department of Girard College. | ..... | ..... | 1 | 5 | 500 | ..... | ..... | ..... | ..... |
| Do. | Philadelphia Manual Training School.* | 13 | 0 | 2 | 4 | 325 | 0 | 325 | 325 | 325 |
| Crozet, Va. | The Miller Manual Labor School of Albemarle. | 8 | 8 | 2 | 9 | 176 | 77 | 253 | 26 | 150 |
| Total. .... | ..... | ..... | ..... | 42 | 72 | 3,476 | 279 | ..... | ..... | 3,164 |

* For 1887-88.

a For the High School.

TABLE 2.—Showing branches of study pursued and the pupils pursuing each branch in city systems of schools having manual training.

| System of public schools of— | Total number of students, including those in drawing. | Branches. | Number of instructors. | Number of pupils. | Number of classes. | Number of pupils in a class. |
|-------------------------------|-------------------------------------------------------|-------------------------------------------------|-----------------------------------|--------------------------------|------------------------------------------------|------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Oskaloosa, Iowa | | Drawing, sewing, cooking. | Vary from 8, 10, 12 to 20. | The average is about 60 to 70. | As many in each subject as there are teachers. | 4-10 |
| Hyde Park, Mass .. | 450 | Mechanical drawing. | 1 | 40 | 3 | 13 |
| | | Carpentry | 1 | 50 | 3 | 18 |
| Springfield, Mass .. | 139 | Sewing | 2 | 400 | ----- | ----- |
| | | Drawing, joinery, wood turning, wood carving. | 2 | 139 | 12 | 12 |
| Waltham Mass | 2, 000 | Carpentry | 1 | 84 | 7 | 12 |
| | | Drawing | 1 | All grades. | ----- | ----- |
| Winchester, Mass .. | 300 | Sewing | 1 | do | ----- | ----- |
| | | Drawing | 1 | 800 | 20 | 20 |
| | | Carpentry | 1 | 40 | 2 | 20 |
| | | Sewing | 1 | 300 | 12 | All in grades IV and V. |
| Muskegon, Mich.... | 100 | Cooking | 1 | 40 | 2 | 15 |
| Minneapolis, Minn.. | 207 | Printing | 1 | 100 | 2 | 50 |
| | | Industrial drawing | 4 | 207 | 9 | 32 |
| | | General woodworking .. | 4 | 207 | 9 | 23 |
| | | Wood carving, wood turning, wood polishing. | 1 | 17 | 1 | 17 |
| Stillwater High School, Minn. | 6 | Woodwork | 1 | 6 | 1 | 6 |
| Concord, N. H. | 108 | Carpentry | 1 | 90 | 5 | 18 |
| Elizabeth, N. J. | 945 | Drawing and designing. | 2 | ----- | 41 | 17-65 |
| | | Paper cutting and making. | 2 | 400 | 10 | a40 |
| | | Clay modeling | 1 | 280 | 5 | 50-60 |
| | | Carpentry | 1 | 125 | 8 | 12-20 |
| | | Sewing | 1 | 140 | 8 | 14-25 |
| Montclair, N. J. | 370 | Development of geometric forms. | 1 | 90 | 4 | 22 |
| | | Clay modeling | 1 | 90 | 4 | 22 |
| | | Carpentry | 1 | 40 | 2 | 20 |
| | | Wood carving | 1 | 35 | 2 | 17 |
| | | Sewing | Class teachers. | 80 | 4 | 20 |
| Orange, N. J. | 1, 503 | Cooking | 1 | 35 | 2 | 17 |
| | | Paper work | 2 | 1, 060 | 31 | a35 |
| | | Clay work | 2 | 1, 075 | 32 | a35 |
| | | Carpentry | 1 | 93 | 4 | a23 |
| | | Sewing | 1 | 350 | 16 | 22 |
| Paterson, N. J. | 9, 000 | Cooking | 1 | 16 | 1 | 16 |
| | | Drawing | 1 special and 200 class teachers. | 9, 000 | 200 | b45 |
| | | Wood and metal working. | 1 | 400 | 14 | b28 |
| | | Sewing | 30 class teachers. | 600 | 30 | b20 |
| Vineland, N. J. | 950 | Drawing (freehand, mechanical, and industrial). | 19 | 950 | ----- | ----- |
| | | Clay modeling | 10 | 500 | ----- | ----- |
| | | Lessons in use of tools... | 1 | 46 | 2 | 20 |
| | | Sewing | 19 | All girls over 8. | ----- | ----- |
| Albany (High School), N. Y. | 600 | Industrial drawing | 1 | 600 | 8 | 75 |
| | | Carpentry | 1 | 250 | 10 | 25 |

a Average.

b About.

TABLE 2.—*Showing branches of study pursued and the pupils pursuing each branch in city systems of schools having manual training—Continued.*

| System of public schools of— | Total number of students, including those in drawing. | Branches. | Number of instructors. | Number of pupils. | Number of classes. | Number of pupils in a class. |
|---------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------|-------------------|--------------------|------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Jamestown, N. Y.. | 2, 237 | Drawing, primary kindergarten, and other work. | 18 | 1, 046 | 36 | a 17 |
| | | Drawing, advanced kindergarten, sewing, and other work. | 14 | 684 | 28 | a 21 |
| | | Mechanical drawing, the use of tools, carpentry, and joinery. | 2 | 241 | 28 | 6 |
| | | Sewing, mending, darning, etc., and cooking. | 2 | 271 | 12 | 8 |
| Lansingburgh, N. Y. | 700 | Printing | 1 | 15 | 3 | 5 |
| | | Drawing | 1 special and 36 class teachers. | 1, 300 | 36 | 20-50 |
| | | Clay modeling | 1 special and 16 class teachers. | 700 | 16 | 35-50 |
| | | Stick laying | | | | |
| Mt. Vernon, N. Y.. | 480 | Working in wood | 4 | 200 | 4 | 50 |
| | | Industrial drawing | 1 | 480 | 12 | 40 |
| | | Use of wood-working tools. | 1 | 30 | 5 | 6 |
| Newburgh, N. Y... | 2, 400 | Drawing | 69 | 2, 400 | 69 | 30-50 |
| | | Carpentry | 1 | 130 | 8 | 16 |
| | | Sewing | 1 | 450 | 26 | 15-20 |
| New York, N. Y... | 12, 806 | Drawing | 29 special and the class teachers. | 12, 806 | 266 | ..... |
| | | Paper folding and cutting. | Class teachers. | 10, 192 | 191 | ..... |
| | | Clay modeling | do | 12, 388 | 253 | ..... |
| | | Shop-work | 4 | 1, 097 | 42 | ..... |
| | | Sewing | 5 | 4, 056 | 98 | ..... |
| | | Cooking | 2 | 597 | 13 | ..... |
| Olean, N. Y | 25 | Carpentry | 1 | 25 | 3 | 8 |
| Tideoute, Pa | 90 | Mechanical drawing | 1 | 30 | 4 | 4-10 |
| | | Carpentry | 1 | 35 | 3 | 10-15 |
| | | Wood turning | 1 | 10 | 2 | 4-6 |
| | | Iron forging | 1 | 3 | 1 | ..... |
| | | Sewing | 1 | 60 | 6 | 10-20 |
| West Chester, Pa.. | 75 | Woodwork | 1 | 60 | 4 | 12-18 |
| Wilkes Barre, Pa .. | 65 | Joinery | 1 | 65 | 3 | 24 |
| | | Sewing | 10 | 260 | 10 | ..... |
| Knoxville, Tenn., (Slater Training School). | 223 | Carpentry | 1 | 62 | 12 | 6-12 |
| | | Printing | 1 | 62 | 12 | 6-12 |
| | | Sewing | 1 | 161 | 8 | 20-25 |
| | | Cooking | 1 | 86 | 8 | 15-20 |
| | | Housekeeping | 1 | 75 | 8 | 25-30 |
| Appleton, Wis., (High School). | 24 | Industrial drawing | 1 | 18 | 2 | 8 and 10 |
| | | Shop work | 1 | 24 | 2 | 8 and 16 |
| La Crosse, Wis | 4, 500 | Drawing, clay modeling, stick laying, paper cutting and folding, paste-board, leather, and wood work. | 81 | 4, 500 | 81 | 53 |
| Eau Claire, Wis.... | 75 | Mechanical drawing | 1 | 56 | 4 | 15 |
| | | Carpentry | 1 | 45 | 3 | 15 |
| | | Iron forging | 1 | 10 | 1 | 10 |
| | | Wood carving | 1 | 8 | 1 | 8 |

a Average.

TABLE 3.—Showing grades in which manual training is given and time devoted to it in city systems.

| System of public schools of— | Branches. | Grades. | Lessons a week. | Length of each lesson. |
|---------------------------------|--------------------------------------------------------------|-------------------------------------------------------|-----------------|------------------------|
| 1 | 2 | 3 | 4 | 5 |
| Oskaloosa, Iowa..... | Sewing | Primary and Grammar..... | 1 | 3 hours. |
| | Cooking | do | 1 | Do. |
| Hyde Park, Mass..... | Carpentry | Upper grammar | 2 | 2 hours. |
| | Sewing | Lower grammar | a 1, b 2 | 1½ hours. |
| Springfield, Mass..... | Drawing | Senior grammar | 1 | Do. |
| | Joinery | High school | 2 | Do. |
| | Wood turning | do | 5 | Do. |
| Waltham, Mass | Drawing..... | First to twelfth, inclusive. | c1-12 | 1 hour. |
| | Carpentry | Seventh to ninth, inclusive. | 1 | 1½ hours. |
| | Sewing | Third to ninth, inclusive. | c 1 | 1 hour. |
| Albany (High School), N. Y. | Industrial drawing | All | 5-3 | 15 to 30 minutes. |
| | Carpentry | do | 2 | 40 minutes. |
| Winchester, Mass..... | do | Tenth to twelfth | 2 | d 2. |
| | Cooking | Eighth to thirteenth | 2 | 1 hour. |
| | Sewing | Fourth to sixth | 2 | 45 minutes. |
| Muskegon, Mich | Printing | Seventh and eighth | 2-5 | 20 minutes. |
| Minneapolis, Minn | Industrial drawing | First two years | 5 | 40 minutes. |
| | General woodworking | First year and half of high school. | 5 | 80 minutes. |
| | Wood carving, turning, polishing. | Second and third years. | 5 | Do. |
| Stillwater (High School), Minn. | Woodwork | High school | 4 | 1 hour. |
| Concord, N. H..... | Carpentry | Grammar..... | 1 | 2 hours. |
| Elizabeth, N. J..... | Drawing and designing.. | All grades..... | 1 | 30 to 40 minutes. |
| | Clay modeling | Second primary | 1 | 35 minutes. |
| | Paper cutting and making. | First primary and fourth grammar. | e 1 | 40 minutes. |
| | Carpentry | Second and third grammar. | 1 | 50 minutes. |
| | Sewing | do | 1 | 55 minutes. |
| Montclair, N. J | Development of geometric forms. | Sixth | 2 | 1 hour. |
| | Clay modeling..... | Sixth | 2 | Do. |
| | Carpentry | Seventh | 2 | Do. |
| | Wood carving | Eighth | 2 | Do. |
| | Sewing | Sixth and seventh | 2 | Do. |
| | Cooking | Eighth | 2 | Do. |
| Orange, N. J | Paper work..... | Primary D, C, B, A, grammar E, D. | 2 | 45 minutes. |
| | Clay work..... | As above and a part of high school. | f 1 | Do. |
| | Carpentry | High-school grammar A, B, C. | g 2, h 1 | 45 minutes to 1 hour. |
| | Sewing | Primary A, D, grammar A, B, C, D, E, and high school. | 1 | 45 minutes. |
| | Cooking | High school | 2 | 1½ hours. |
| Paterson, N. J | Drawing | All | 1 | i 35 minutes. |
| | Woodworking | Grammar | 1 | 1½ hours. |
| | Sewing | do | 1 | Do. |
| Vineland, N. J | Drawing | All | 3 | 45 minutes. |
| | Clay modeling..... | First to fourth | 1 | 1 hour. |
| | Lessons in use of tools. | Eighth to tenth | 1 | Do. |
| | Sewing | All | 1 or 2 | Do. |
| Albany, N. Y | Drawing..... | do | 5-3 | 15 to 30 minutes. |
| | Carpentry | High school..... | 2 | 40 minutes. |
| Jamestown City, N. Y. | Drawing, primary kindergarten, and other work. | First to third years..... | 3 | 20 minutes. |
| | Drawing, advanced kindergarten, sewing, and other work. | Fourth to sixth years... | 3 | 25 minutes. |
| | The use of tools, carpentry and joinery, mechanical drawing. | Seventh to tenth years.. | 2 | 50 minutes. |
| | Sewing, mending, etc., and cooking. | do | 2 | Do. |
| | Printing..... | Seventh to twelfth years. | 4 | Do. |

a In term time. b In vacation. c Every two weeks. d Out of school [time?]. e For 4 months. f Alternating with paper work. g High school. h Grammar. i Average.

TABLE 3.—*Showing grades in which manual training is given and time devoted to it in city systems—Continued.*

| System of public schools of— | Branches. | Grades. | Lessons a week. | Length of each lesson. |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------|-----------------------------------------------------------------------------------|
| 1 | 2 | 3 | 4 | 5 |
| Lansingburgh, N. Y... | Drawing..... | All..... | 3 | 30 minutes. |
| | Clay modeling..... | Primary..... | 3 | 15 to 30 minutes. |
| | Stick laying..... | ...do..... | 3 | 10 to 20 minutes. |
| Mt. Vernon, N. Y..... | Working in wood..... | Fourth primary..... | (a) | 30 minutes. |
| | Drawing..... | Begins when children begin fractions. | 2 | 30 minutes. |
| | Carpentry..... | 3 highest grades..... | 2 | 1 hour. |
| New York, N. Y..... | Drawing..... | All..... | (b) | Not less than 2 hours a week. |
| | | | (c) | Not less than 1½ hours per week. |
| | Paper folding and cutting.. | 9 lower grades..... | } (d) | |
| | Clay modeling..... | 13 lower grades..... | | |
| | Shop work..... | 5 upper grades..... | | (e). |
| | Sewing..... | Fourth to eleventh..... | | f |
| | Cooking..... | Second and third..... | | |
| Newburgh, N. Y..... | Drawing..... | All..... | 1-3 | 40 minutes to 1 hour. |
| | Carpentry..... | Seventh to tenth years. | 1 | 2 hours. |
| | Sewing..... | Second to fourth years.. | 1 | 1 hour. |
| Olean, N. Y..... | Carpentry..... | Middle and upper..... | g3 | 45 minutes. |
| Tidioute, Pa..... | Mechanical drawing..... | Grammar and high school. | 2 | 1 hour. |
| | Carpentry..... | Grammar..... | 3 | Do. |
| | Wood turning..... | High school..... | 3 | Do. |
| | Iron forging..... | ...do..... | 3 | Do. |
| | Sewing..... | Intermediate grammar..... | 2 | Do. |
| West Chester, Pa..... | Woodwork..... | Grammar and high school. | (h) | 1½ hours. |
| Wilkes Barre, Pa..... | Joinery..... | Seventh to tenth years.. | { i1 j2 | 2 hours. 1 hour. |
| | Sewing..... | Fifth to eighth years.. | 1 | { 1 hour during fifth and sixth year. 2 hours during seventh and eighth years. |
| Knoxville, Tenn. (Slater Training School). | Printing, sewing, cooking, carpentry. | Second..... | 4 | 2 hours. |
| | Printing, cooking, carpentry. | Third..... | 1 | |
| | Cooking, carpentry, printing. | Fourth..... | 1 | |
| Appleton, Wis. (High School). | Industrial drawing..... | B and C..... | 2 | 45 minutes. |
| La Crosse, Wis..... | Shop work..... | B, C, and D..... | 6 | 1 hour. |
| | Drawing, clay modeling, stick laying, paper cutting and folding, paste-board, leather, and wood work. | All..... | 2 | 81 |
| Eau Claire, Wis..... | Mechanical drawing..... | Sixth grade to second year high school. | 2 | 1½ hour. |
| | Carpentry..... | Sixth grade to high school. | 2 | Do. |
| | Iron forging..... | High school..... | 2 | Do. |
| | Wood carving (girls)..... | ...do..... | 3 | 1 hour. |

a Irregular.

b 8 upper grades.

c 6 lower grades.

d Included in the time for drawing.

e Not less than 2 hours a week.

f Not less than 1 hour a week.

g Average.

h 2 lessons one week, 3 the next.

i During seventh and eighth years.

j During ninth and tenth years.

TABLE 4.—*Showing cost of manual training.*

| System of public schools of— | Salaries. | Material. | New tools and repairs. | Incidentals. |
|------------------------------|-----------|-----------|------------------------|--------------|
| 1 | 2 | 3 | 4 | 5 |
| Oskaloosa, Iowa | | \$50 | | |
| Hyde Park, Mass | \$250 | 25 | \$15 | \$5 |
| Springfield, Mass | 2,200 | 246 | 1,453 | 430 |
| Waltham, Mass | 383 | 53 | | |
| Winchester, Mass | 800 | | 0 | 50 |
| Muskegon, Mich | 0 | 150 | 6 | 15 |
| Minneapolis, Minn | 4,500 | 250 | 20 | |
| Stillwater, Minn | | | | |
| Concord, N. H | 700 | | | |
| Elizabeth, N. J | 1,600 | 125 | | |
| Montclair, N. J | 693 | 97 | 94 | 12 |
| Orange, N. J | 1,496 | 570 | | 470 |
| Paterson, N. J | 940 | 440 | 424 | 82 |
| Vineland, N. J | | 150 | | |
| Albany, N. Y | 800 | 80 | 32 | 46 |
| Jamestown, N. Y | 1,000 | 120 | 25 | 31 |
| Lansingburgh, N. Y | | 75 | | |
| Mt. Vernon, N. Y | 250 | | | |
| New York, N. Y | 8,139 | 3,862 | | |
| Newburgh, N. Y | 1,550 | 185 | 705 | 402 |
| Olean, N. Y | 0 | 25 | 5 | |
| Tidionte, Pa | 900 | 100 | 25 | 25 |
| West Chester, Pa | a 60 | | 150 | |
| Wilkes Barre, Pa | 64 | 15 | | |
| Knoxville, Tenn | 1,638 | 115 | 172 | |
| Eau Claire, Wis | 765 | 60 | 100 | 25 |

a Per month.

CHAPTER XXX.

COMMERCIAL AND BUSINESS COLLEGES.

GENERAL REMARKS.

Returns have been received from 197 institutions during the past year, and the statistics of 36 institutions have been taken from the Bureau's Report of 1887-88, making a total of 233, an increase of 11 over the previous year. There has been an increase of 86 instructors and 7,183 pupils; 11 schools are reported for the first time.

The number of pupils in the business departments of colleges and secondary schools during the past year has fallen off to a considerable extent, and a corresponding increase in the enrollment of business colleges is shown in the statistical tables.

Twenty-nine per cent. of these institutions did not send any information to this Bureau for the current year. Complete statistics are necessary in order to represent the work done by the colleges. But as it frequently happens that colleges are established without being reported to the Bureau, it is quite probable that there are institutions in the country which are not on the list. If the colleges that do not appear will but send notice of their existence, a blank form will be forwarded.

It appears from a careful reading of the catalogues and returns sent by these institutions that the time required for a course of business training depends upon the natural aptitude of the student and the extent and completeness with which he wishes to qualify himself. From four to six months is the usual time necessary to complete the full business course; stenography, telegraphy, and typewriting require from three to four months each. In some of the colleges a collegiate course of four years has been added. In others special emphasis is laid upon mathematics, in which the student is rigidly examined before graduation.

During the past year the Bureau has received letters from several persons stating that, as the statistics of neighboring colleges had been falsified, they would not send those of their own institutions. This is a very embarrassing subject to discuss; the Bureau has no means of rectifying the statements it receives, and they are necessarily published as they are furnished.

The increase of the business colleges of the country has kept pace with the increase of population and with the growth of the business enterprises during the last ten years. Since 1880 the estimated increase in the number of colleges is 83 per cent.; of instructors, 173 per cent.; and of pupils, 115 per cent.

Improvements have also been made in the courses of study, and in the manner of preparing pupils for the responsible positions they seek to fill after leaving or graduating from the institutions. The most of the colleges give the student practical knowledge of how business is transacted in the large cities in banking, in insurance, in real estate, and in commercial houses. If the student is far enough advanced in mathematics and in the English branches, very little attention is given to text books. In the college building are found the college bank, with its president and board of directors, cashier, and tellers; the jobbing house and the commission house, and the insurance and the real-estate offices. The student before finishing his course is required to act as cashier, paying teller, receiving teller, shipping clerk, salesman, cashier, and bookkeeper. The student buys and sells, makes deposits, draws checks, and sustains the same general relation to the college bank and to the jobbing house that is held by a merchant in the great business world. He is also given instruction in the *modus operandi* of the insurance office, and is taught by the real-estate broker how to estimate the increased value of real estate by the increase of population and by the laws of supply and demand.

As the business of the country has enlarged and expanded, the knowledge of commercial law, of commercial calculations, and of the tariff laws of different nations has become a necessity, and business men are coming to demand a thorough practical education in all these branches before employing young men as their business assistants.

The education of the business man in all that appertains to business life is as essential as the education of the professional man in all that appertains to professional life. His attainments, his powers, and his manhood are laid under contribution, and without a thorough and practical business education he is like a ship at sea without compass or rudder.

When students were taught only the theories of business and were given only an indistinct outline of business forms, and the merchant found them unable to do the work of the office, his conclusions were that business colleges could not, or did not, educate them properly for active business life. These objections have been met in a practical manner by the introduction of practical business departments in the institutions, and by the employment of intelligent teachers that were once active business men having a practical knowledge of business forms.

The apprenticeship system has passed away, and with it the prejudice against, and the ignorance of, a business education in a business college.

Summary of statistics of commercial and business colleges for 1888-89.

| State. | Number of institutions. | Instructors. | | | Students. | | | | | Number of students in business courses of city, normal, and secondary schools and colleges. |
|---------------------------------|-------------------------|--------------|------------|------------|--------------|------------|--------------|--------------|-----------------|---------------------------------------------------------------------------------------------|
| | | Male. | Female. | Total. | Male. | Female. | Total. | Day course. | Evening course. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| North Atlantic Division: | | | | | | | | | | |
| Maine | 3 | 17 | 5 | 22 | 624 | 177 | 801 | 705 | 96 | 315 |
| New Hampshire | 2 | 6 | 2 | 8 | 107 | 26 | 133 | 133 | 0 | 40 |
| Vermont | 3 | 6 | 5 | 11 | 165 | 44 | 209 | 181 | 28 | 164 |
| Massachusetts | 17 | 56 | 24 | 80 | { 1,908 | { 754 | { 2,937 | { 2,130 | { 532 | { 607 |
| Rhode Island | 2 | 10 | 2 | 12 | { 403 | { 129 | { 532 | { 431 | { 101 | { 80 |
| Connecticut | 5 | 8 | 3 | 11 | { 336 | { 208 | { 544 | { 402 | { 142 | { 269 |
| New York | 25 | 141 | 47 | 188 | { 7,378 | { 1,653 | { 9,231 | { 7,215 | { 1,996 | { 2,717 |
| New Jersey | 4 | 22 | 7 | 29 | { 1,021 | { 273 | { 1,294 | { 749 | { 545 | { 738 |
| Pennsylvania | 19 | 93 | 27 | 120 | { 5,288 | { 1,784 | { 7,072 | { 1,753 | { 5,319 | { 615 |
| Total | 80 | 359 | 122 | 481 | { 17,230 | { 5,048 | { 22,753 | { 13,699 | { 8,759 | { 5,545 |
| South Atlantic Division: | | | | | | | | | | |
| Delaware | 1 | 4 | 2 | 6 | 163 | 44 | 207 | 117 | 90 | 398 |
| Maryland | 1 | 8 | 0 | 8 | 425 | 110 | 535 | 400 | 135 | 125 |
| District of Columbia | 3 | 12 | 8 | 20 | 459 | 236 | 695 | 415 | 283 | 271 |
| Virginia | 2 | 4 | 0 | 4 | 66 | 6 | 72 | 60 | 12 | 292 |
| West Virginia | 1 | 4 | 2 | 6 | 306 | 56 | 362 | 237 | 125 | 286 |
| North Carolina | | | | | | | | | | 94 |
| South Carolina | | | | | | | | | | 815 |
| Georgia | 3 | 10 | 0 | 10 | 470 | 11 | 481 | 442 | 39 | 124 |
| Florida | | | | | | | | | | |
| Total | 11 | 42 | 12 | 54 | 1,889 | 463 | 2,352 | 1,671 | 681 | 2,403 |
| South Central Division: | | | | | | | | | | |
| Kentucky | 3 | 15 | 3 | 18 | 927 | 249 | 1,176 | 979 | 197 | 374 |
| Tennessee | 8 | 26 | 3 | 29 | 1,294 | 329 | 1,623 | 1,377 | 246 | 109 |
| Alabama | 1 | 2 | 0 | 2 | 40 | 4 | 44 | 44 | | 250 |
| Mississippi | 4 | 17 | 3 | 20 | { 202 | { 62 | { 339 | { 220 | { 44 | { 343 |
| Louisiana | 5 | 14 | 5 | 19 | { 600 | { 371 | { 971 | { 954 | { 17 | { 217 |
| Texas | 3 | 14 | 2 | 16 | { 843 | { 68 | { 911 | { 798 | { 113 | { 70 |
| Arkansas | 1 | 5 | 1 | 6 | { 438 | | { 438 | { 438 | | |
| Total | 25 | 93 | 17 | 110 | { 3,906 | { 1,083 | { 5,502 | { 4,372 | { 617 | { 2,204 |

Summary of statistics of commercial and business colleges for 1888-89—Continued.

| State. | Number of institutions. | Instructors. | | | Students. | | | | | Number of students in business courses of city, normal, and secondary schools and colleges. |
|--------------------------------|-------------------------|--------------|---------|--------|-----------------------------|---------|----------|-----------------------------|-----------------|---------------------------------------------------------------------------------------------|
| | | Male. | Female. | Total. | Male. | Female. | Total. | Day course. | Evening course. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| North Central Division: | | | | | | | | | | |
| Ohio | 18 | 63 | 21 | 84 | { 3,402 ⁽²⁰⁰⁾ | 914 | { 4,516 | 4,118 | 398 | 711 |
| Indiana | 11 | 50 | 16 | 66 | { 2,718 ⁽²⁰⁰⁾ | 1,207 | { 4,125 | { 3,626 ⁽²⁰⁰⁾ | 299 | 238 |
| Illinois | 13 | 64 | 21 | 85 | { 4,541 ⁽⁶⁸⁾ | 987 | { 5,528 | { 4,519 | 1,009 | 777 |
| Michigan | 13 | 46 | 14 | 60 | { 1,569 ⁽³⁵⁴⁾ | 527 | { 2,164 | { 1,852 ⁽³⁵⁴⁾ | 312 | 278 |
| Wisconsin | 6 | 25 | 10 | 35 | { 870 ⁽³⁵⁰⁾ | 265 | { 1,489 | { 926 ⁽³⁵⁰⁾ | 209 | 289 |
| Minnesota | 3 | 8 | 3 | 11 | { 355 ⁽³⁵⁰⁾ | 51 | { 756 | { 323 ⁽³⁵⁰⁾ | 83 | 180 |
| Iowa | 19 | 72 | 28 | 100 | { 3,870 | 1,405 | { 5,275 | { 4,575 | 700 | 1,190 |
| Missouri | 12 | 66 | 12 | 78 | { 2,785 | 873 | { 3,658 | { 2,944 | 714 | 760 |
| Dakota | 2 | 5 | 2 | 7 | { 85 | 43 | { 128 | { 119 | 9 | 193 |
| Nebraska | 4 | 24 | 5 | 29 | { 1,373 | 306 | { 1,679 | { 1,580 | 99 | 236 |
| Kansas | 7 | 34 | 10 | 44 | { 1,891 | 704 | { 2,595 | { 2,218 | 377 | 1,035 |
| Total | 108 | 457 | 142 | 599 | { 23,459 ^(1,172) | 7,282 | { 31,913 | { 26,809 ⁽⁹⁰⁴⁾ | 4,209 | 5,887 |
| Western Division: | | | | | | | | | | |
| Colorado | 2 | 5 | 3 | 8 | { 121 | 44 | { 165 | { 108 | 57 | 173 |
| New Mexico | — | — | — | — | — | — | — | — | — | 63 |
| Utah | — | — | — | — | — | — | — | — | — | 99 |
| Nevada | — | — | — | — | — | — | — | — | — | 57 |
| Washington | 1 | 4 | 0 | 4 | { 78 | 13 | { 91 | { 71 | 20 | 281 |
| Oregon | 1 | 5 | 2 | 7 | { 200 ⁽⁵⁴⁰⁾ | 160 | { 360 | { 360 | — | 77 |
| California | 5 | 30 | 12 | 42 | { 827 | 355 | { 1,722 | { 1,579 | 143 | 339 |
| Total | 9 | 44 | 17 | 61 | { 1,226 ⁽⁵⁴⁰⁾ | 572 | { 2,338 | { 1,758 ⁽³⁶⁰⁾ | 220 | 1,089 |
| SUMMARY. | | | | | | | | | | |
| North Atlantic Division | 80 | 359 | 122 | 481 | { 17,230 ⁽⁴⁷⁵⁾ | 5,048 | { 22,753 | { 13,699 ⁽²⁹⁵⁾ | 8,750 | 5,545 |
| South Atlantic Division | 11 | 42 | 12 | 54 | { 1,889 | 463 | { 2,352 | { 1,671 | 681 | 2,403 |
| South Central Division | 25 | 93 | 17 | 110 | { 3,906 ⁽⁵¹³⁾ | 1,083 | { 5,502 | { 4,372 ⁽⁵¹³⁾ | 617 | 2,204 |
| North Central Division | 108 | 457 | 142 | 599 | { 23,459 ^(1,172) | 7,282 | { 31,913 | { 26,809 ⁽⁹⁰⁴⁾ | 4,209 | 5,887 |
| Western Division | 9 | 44 | 17 | 61 | { 1,226 ⁽⁵⁴⁰⁾ | 572 | { 2,338 | { 1,758 ⁽³⁶⁰⁾ | 220 | 1,089 |
| Total for 1888-89 | 233 | 995 | 310 | 1,305 | { 47,710 ^(2,700) | 14,448 | { 64,858 | { 48,300 ^(2,072) | 14,486 | 17,128 |
| Total for 1887-88 | 222 | 962 | 257 | 1,219 | { 42,714 ^(2,305) | 12,656 | { 57,675 | { 41,920 ^(5,537) | 10,218 | 19,683 |
| Increase or decrease | *11 | *33 | *53 | *86 | ..... | ..... | *7,183 | ..... | ..... | †2,555 |

* Increase.

† Decrease.

Statistics of commercial and business colleges for 1888-89.

| Post-office address. | Name. | Year of first opening. | Principal. | Number of months in full course of study. | | Weeks of scholastic year. | | Tuition. | | Instruct-ors. | | Students. | | |
|-------------------------|-------------------------------------------------------|------------------------|--------------------------|-------------------------------------------|-----------------|---------------------------|-----------------|-------------|-----------------|---------------|---------|-----------|---------|-----------------|
| | | | | Day course. | Evening course. | Day course. | Evening course. | Day course. | Evening course. | Male. | Female. | Male. | Female. | Evening course. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 1 Birmingham, Ala. | Massey's Business College. | 1889 | R. W. Massey | 3 | 4-5 | | | \$25-75 | a\$40-10 | 2 | | 40 | 4 | 44 |
| 2 Little Rock, Ark. | Little Rock Commercial College | 1874 | M. A. Stone | 6 | 18 | 52 | 30 | 50 | 50 | 5 | 1 | (438) | 39 | (438) |
| 3 Auburn, Cal. | Sierra Normal College and Business Institute. | 1883 | M. W. Ward | 10 | | 40 | | 60 | | 2 | 2 | 41 | | 80 |
| 4 Los Angeles, Cal. | Woodbury's Business College | 1884 | R. C. Woodbury | 9 | 24 | 50 | | 100 | | 5 | 3 | 327 | 128 | 455 |
| 5 Sacramento, Cal. | Sacramento Business College* | 1873 | E. C. Atkinson | | | 52 | 52 | 75 | 75 | 5 | 3 | 276 | 51 | 339 |
| 6 San Francisco, Cal. | Commercial School* | 1884 | Isador Lezysky | 10 | | | | | | 5 | 2 | 183 | 137 | 320 |
| 7 do | Pacific Business College. | 1883 | T. A. Robinson, M. A. | 64 | 15 | 52 | 52 | | | 13 | 2 | (540) | | 465 |
| 8 Denver, Colo. | Denver Business College | 1882 | John G. Pilsen | 8 | 16 | | | a10 | a5 | 2 | 1 | 59 | 9 | 52 |
| 9 Pueblo, Colo. | Pueblo Business College | 1887 | H. C. Warden | | | 52 | 52 | a10 | a5 | 3 | 2 | 62 | 35 | 56 |
| 10 Bridgeport, Conn. | Martin's Shorthand School* | 1887 | W. J. Martin | 4-7 | 8-12 | 52 | 52 | a10 | a5 | 1 | 1 | 50 | 35 | 38 |
| 11 Hartford, Conn. | Hannum's Business College | 1877 | T. W. Hannum | | | 46 | 24 | 45 | 18 | 3 | 1 | 143 | 37 | 151 |
| 12 do | Huntsinger's Business College | 1888 | E. M. Huntsinger | 8 | | 46 | 24 | 103 | 24 | 3 | | 69 | 12 | 81 |
| 13 do | Porter's Select School of Shorthand and Typewriting.* | 1887 | Mabel W. Porter | 6 | 12 | 52 | 52 | 120 | 60 | | 1 | 14 | 34 | 32 |
| 14 New Haven, Conn. | Gaffey's Shorthand School* | 1884 | John F. Gaffey | 6 | 12 | | | 72 | 60 | 1 | 0 | 60 | 90 | 100 |
| 15 Fargo, N. Dak. | Fargo College | 1887 | Rev. G. R. Barnes, A. M. | | | 36 | | 30 | | 4 | 1 | 28 | 26 | 54 |
| 16 Sioux Falls, S. Dak. | Sioux Falls Business College | 1887 | J. L. Wallace | | | 52 | 16 | 50 | 25 | 1 | 1 | 57 | 17 | 65 |
| 17 Wilmington, Del. | Goidey's Wilmington Com. College. | 1886 | H. S. Goidey | 8-9 | | 44 | 26 | 80 | 20 | 4 | 2 | 163 | 44 | 117 |
| 18 Washington, D. C. | Washington High School | 1882 | R. R. Lane | 20 | | 40 | | | | 1 | 1 | 123 | | 125 |
| 19 do | Martin's Commercial College | 1886 | Webster Edgerly | | | | | 50 | | 6 | 1 | | 25 | 46 |
| 20 do | Spencerian Business College | 1864 | Henry C. Spencer | 10 | 10 | 40 | 40 | 70 | 60 | 5 | 6 | 261 | 211 | 228 |
| 21 Atlanta, Ga. | Moore's Business University | 1888 | Benjamin F. Moore | 4 | 6 | 50 | 24 | 75 | 50 | 2 | | 134 | 6 | 140 |
| 22 Augusta, Ga. | Osborne's Business College | 1882 | S. L. Osborne | 4 | 6 | 44 | 40 | 50 | 50 | 3 | | 136 | 5 | 162 |
| 23 do | St. Patrick's Commercial College | 1875 | Bro. Francis | 10 | | 40 | | 60 | | 5 | | 200 | | 200 |
| 24 Bloomington, Ill. | Evergreen City Business College | 1875 | C. E. Baker | 9 | | 36 | | | | 1 | 1 | 3 | 140 | 55 |
| 25 Chicago, Ill. | Kimball's Shorthand and Typewriting School. | 1884 | D. Kimball | 4 | 6 | 52 | 52 | 40 | 60 | 2 | | 25 | 46 | 52 |
| 26 do | Metropolitan Business College* | 1873 | O. M. Powers | 12 | 7 | 52 | 30 | 100 | 29 | 10 | 2 | 1,701 | 200 | 1,648 |

a Per month.

* Statistics of 1887-88.

Statistics of commercial and business colleges for 1888-89—Continued.

| Post-office address. | Name. | Year of first opening. | Principal. | Number of months in full course of study. | | Weeks in scholastic year. | | Tuition. | | Instruct-ors. | | Students. | | | |
|----------------------|-------------------------------------------|------------------------|--------------------------------------|-------------------------------------------|-----------------|---------------------------|-----------------|-------------|-----------------|---------------|---------|-----------|---------|-------------|-----------------|
| | | | | Day course. | Evening course. | Day course. | Evening course. | Day course. | Evening course. | Male. | Female. | Male. | Female. | Day course. | Evening course. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 27 | Chicago, Ill. | 1871 | A. J. Newby | 8 | 14 | 52 | 30 | \$90 | \$29 | 5 | 2 | 354 | 78 | 223 | 209 |
| 28 | Danville, Ill. | 1869 | M. English | 5 | 3 | 52 | 40 | 100 | 60 | 3 | 1 | 95 | 29 | 102 | 22 |
| 29 | Dixon, Ill. | 1881 | J. B. Dille | 9 | ..... | 50 | ..... | 40 | ..... | 6 | 2 | 229 | 139 | 318 | ..... |
| 30 | Freeport, Ill. | 1888 | J. J. Nagle | 6 | ..... | 42 | 21 | 50 | 25 | 6 | 1 | 95 | 27 | 60 | 62 |
| 31 | Galesburg, Ill. | 1866 | M. H. Barringer | 6-12 | ..... | 40 | 60 | 60 | ..... | 1 | 2 | ..... | ..... | ..... | ..... |
| 32 | Jacksonville, Ill. | 1866 | George W. Brown | 9 | ..... | 42 | 24 | 75 | 20 | 5 | 3 | 250 | 71 | 287 | 34 |
| 33 | Joliet, Ill. | 1866 | Homer Russell | 20 | 30 | 50 | 50 | 50 | 40 | 5 | 2 | 700 | 200 | 650 | 250 |
| 34 | Quincy, Ill. | 1870 | D. L. Musselman | 6-10 | ..... | 50 | 10-12 | 60 | 10 | 9 | 1 | 580 | 40 | 600 | 20 |
| 35 | Rockford, Ill. | 1865 | G. A. Winans and W. H. Johnson | 6 | 12 | 52 | 26 | 50 | 25 | 6 | 1 | 163 | 107 | 223 | 70 |
| 36 | Springfield, Ill. | 1864 | S. Bogardus ..... | ..... | ..... | ..... | ..... | 50 | 25 | 5 | 1 | 186 | 45 | 161 | 70 |
| 37 | Danville, Ind. | 1876 | Charles A. Hargrave | 33 | ..... | 48 | ..... | 32 | ..... | 11 | 3 | 714 | 322 | 1,036 | ..... |
| 38 | Evansville, Ind. | 1850 | S. N. Currick | 5-6 | 12 | 50 | 26 | 50 | 30 | 3 | 2 | 130 | 45 | 155 | 20 |
| 39 | Fort Wayne, Ind. | 1885 | McDermot & White- leather | 10 | ..... | 48 | 39 | 40 | 25 | 4 | 2 | 100 | 50 | 176 | 64 |
| 40 | Hope, Ind. | 1883 | Jas. H. Clark | 5 | ..... | 47 | ..... | 32 | ..... | 3 | 3 | 126 | 83 | 209 | ..... |
| 41 | Indianapolis, Ind. (N. Penn St.) | 1850 | Redman, Hoel & Os- born | 6 | ..... | 50 | 26 | 75 | 25 | 4 | 2 | 290 | 150 | 375 | 65 |
| 42 | La Fayette, Ind. | 1880 | G. M. Robinson | 9 | 18 | 40 | 24 | 45 | 18 | 3 | 1 | (200) | 45 | 172 | (200) |
| 43 | Louisport, Ind. | 1867 | E. A. Hall | 6 | 12 | 40 | 24 | 40 | 20 | 3 | ..... | 162 | 23 | 33 | 35 |
| 44 | Millersburgh, Ind. | 1883 | G. M. Impeel | 5 | 8 | 20 | 20 | 25 | 20 | 2 | ..... | 51 | 22 | 33 | 40 |
| 45 | Richmond, Ind. | 1860 | O. E. Fulghum | 6 | 12 | 48 | 32 | 40 | 40 | 4 | 1 | 180 | 70 | 175 | 75 |
| 46 | Terre Haute, Ind. | 1862 | W. C. Isbell ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 2 | 200 | 100 | 300 | ..... |
| 47 | Valparaiso, Ind. | 1873 | H. B. Brown | 9 | ..... | 50 | ..... | 40 | ..... | 9 | ..... | 675 | 320 | 995 | ..... |
| 48 | Bloomfield, Iowa | 1878 | R. S. Galer ..... | ..... | ..... | 40 | ..... | 32 | ..... | 2 | 2 | 75 | 85 | 160 | ..... |
| 49 | Burlington, Iowa | 1879 | G. W. Elliott | 9 | 36 | 52 | ..... | 70 | 20 | 9 | 3 | 650 | 150 | 650 | 150 |
| 50 | Cedar Rapids, Iowa | 1869 | Samuel H. Goodyear | 8 | ..... | 52 | 26 | 75 | 36 | 4 | 2 | 255 | 70 | 285 | 40 |
| 51 | Clinton, Iowa | 1886 | O. P. Judd | 8 | ..... | 42 | 18 | 45 | 10 | 4 | 2 | 169 | 79 | 185 | 63 |

| | | | | | | | | | | | | | | | | |
|----|---------------------------|---------------------------------------------------------|------|--------------------------------------|-------|-------|----|-----|--------|--------|-----|-----|------|------|-----|-----|
| 52 | Council Bluffs, Iowa..... | Western Iowa College..... | 1864 | W. S. Paulson..... | 4-12 | 8-18 | 48 | 24 | 50 | 20 | 3 | 1 | 280 | 90 | 290 | 80 |
| 53 | Davenport, Iowa..... | Davenport Business College * | 1861 | J. C. Duncan..... | 8 | 52 | 52 | 77 | 45 | --- | 7 | 2 | *427 | +163 | 544 | *45 |
| 54 | "do..... | Iowa Commercial College..... | 1861 | Wood & Van Patten..... | 6 | 12 | 52 | 26 | 50 | 15 | 6 | --- | 45 | 5 | 50 | --- |
| 55 | Decorah, Iowa..... | Decorah Business College..... | 1874 | John H. Slack..... | 6-10 | --- | 48 | 24 | 30 | --- | 4 | --- | 3 | 181 | 325 | --- |
| 56 | Des Moines, Iowa..... | Capital City Commercial College..... | 1884 | J. M. Melan..... | --- | --- | 26 | 18 | 60 | 20 | 4 | 1 | 3 | 311 | 80 | 364 |
| 57 | "do..... | Iowa Business College..... | 1865 | A. C. Jennings..... | 6 | 12 | 52 | 24 | 75 | 25 | 5 | 1 | 270 | 90 | 285 | 75 |
| 58 | Dubuque, Iowa..... | Bayless Business College..... | 1858 | C. Bayless, A. M..... | 6 | --- | 48 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 59 | "do..... | Mathematical School..... | 1873 | John Henry Motcal..... | --- | --- | 48 | --- | --- | --- | --- | --- | 37 | --- | 18 | 19 |
| 60 | Iowa City, Iowa..... | Iowa City Commercial College..... | 1865 | J. H. Williams..... | 5-8 | --- | 52 | 26 | 50 | 25 | 4 | 3 | 200 | 90 | 290 | 46 |
| 61 | Kearokuk, Iowa..... | Gate City Business College..... | 1857 | Claude H. Polace..... | 6 | 18 | 50 | 24 | 50 | 16 | 3 | 1 | 123 | 30 | 107 | 25 |
| 62 | Marshalltown, Iowa..... | Marshalltown Business College..... | 1866 | F. B. Harris..... | 6 | 9 | 51 | 51 | --- | --- | 3 | 1 | 70 | 45 | 90 | 25 |
| 63 | Muscatine, Iowa..... | Muscatine Commercial College..... | 1866 | C. G. Whitcomb..... | 7-20 | --- | 52 | --- | --- | --- | 3 | 1 | 103 | 69 | 172 | --- |
| 64 | Oskaloosa, Iowa..... | Oskaloosa Business College..... | 1863 | J. W. L. Harris..... | 7 | --- | 50 | --- | 75 | --- | 3 | --- | 1 | 48 | 14 | 62 |
| 65 | Ottumwa, Iowa..... | Ottumwa Business College..... | 1865 | E. W. O'Bryan and E. J. Gardner..... | 6 | 6 | 50 | 50 | --- | --- | 3 | --- | 126 | 43 | 107 | 62 |
| 66 | Siox City, Iowa..... | Northwestern Business College..... | 1883 | O. S. Davidson..... | 6 | 10 | 44 | 25 | 75 | 18 | 3 | 2 | 136 | 81 | 149 | 68 |
| 67 | Atchison, Kans..... | Atchison Business College..... | 1885 | Conrad & Smith..... | 5 | 6 | 40 | 24 | 40 | 25 | 4 | 1 | 129 | 56 | 122 | 63 |
| 68 | Burlington, Kans..... | Emporia Business College..... | 1881 | O. W. Miller..... | 6 | 6 | 40 | 26 | 40 | 20 | 5 | 3 | 360 | 100 | 385 | 75 |
| 69 | Lawrence, Kans..... | Lawrence Business College..... | 1869 | E. B. McHenry..... | 12 | --- | 52 | --- | --- | --- | 8 | 2 | 290 | 133 | 423 | --- |
| 70 | Leavenworth, Kans..... | Central Business College..... | 1887 | Leach and Parker..... | 8 | --- | 50 | 38 | 50 | 27 | 3 | --- | 80 | 20 | 71 | 29 |
| 71 | Topeka, Kans..... | Pond's Business College..... | 1867 | A. A. Pond..... | 6 | 12 | 50 | 24 | 50 | --- | 2 | 1 | 255 | 70 | 250 | 75 |
| 72 | "do..... | Topeka Business College and Shortland Institute.* | 1884 | Roudebush Bros..... | 7 1/2 | 12-18 | 50 | 25 | 75 | 36-54 | 2 | 2 | 166 | 81 | 164 | 83 |
| 73 | Wichita, Kans..... | Southwestern Business College..... | 1885 | E. H. Fritch..... | 7 | 6 | 50 | 24 | 85 | 25 | 10 | 1 | 611 | 244 | 803 | 52 |
| 74 | Louisville, Ky..... | Bryant & Stratton College..... | 1874 | Enos Spencer..... | 6 | 12 | 50 | 26 | 110 | 25 | 8 | 1 | 567 | 174 | 609 | 132 |
| 75 | "do..... | Southern Business College..... | 1878 | Ben. C. Weaver..... | 3-5 | 6-10 | 51 | 35 | 50 | 50 | 3 | --- | 253 | 13 | 201 | 65 |
| 76 | Madisonville, Ky..... | National Institute * | 1883 | E. McCully..... | 4 | 0 | 52 | 0 | 39 | --- | 4 | 2 | 107 | 62 | 163 | 0 |
| 77 | New Orleans, La..... | Behard's Academy * | 1862 | Charles H. Babad..... | 11 | --- | 45 | --- | 60 | --- | 1 | 1 | 15 | 0 | 15 | 0 |
| 78 | "do..... | Boston's Business College..... | 1887 | B. R. Boston..... | 8 | 16 | 52 | 52 | --- | --- | --- | --- | 28 | 3 | 27 | 4 |
| 79 | "do..... | J. W. Blackman's Com. College..... | 1862 | J. W. Blackman..... | 3-6 | 6-12 | 52 | 52 | 120 | 90 | 2 | --- | 25 | 2 | 14 | 13 |
| 80 | "do..... | Soule Com. Col. and Lit. Inst..... | 1856 | George Soule..... | 6-18 | 12-24 | 52 | 40 | a25-50 | a25-35 | 10 | 1 | 282 | 66 | 348 | --- |
| 81 | "do..... | St. John the Baptist..... | 1854 | H. H. Ward..... | 80 | --- | 40 | --- | 20 | --- | 1 | 3 | 250 | 300 | 550 | --- |
| 82 | Augusta, Me..... | Drigo Business College..... | 1863 | E. B. Capen..... | 40 | 12 | 35 | 3 | 35 | 3 | 9 | 1 | 225 | 89 | 271 | 43 |

* Statistics of 1887-88.

| | | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 | 2101 | 2102 | 2103 | 2104 | 2105 | 2106 | 2107 | 2108 | 2109 | 2110 | 2111 | 2112 | 2113 | 2114 | 2115 | 2116 | 2117 | 2118 | 2119 | 2120 | 2121 | 2122 | 2123 | 2124 | 2125 | 2126 | 2127 | 2128 | 2129 | 2130 | 2131 | 2132 | 2133 | 2134 | 2135 | 2136 | 2137 | 2138 | 2139 | 2140 | 2141 | 2142 | 2143 | 2144 | 2145 | 2146 | 2147 | 2148 | 2149 | 2150 | 2151 | 2152 | 2153 | 2154 | 2155 | 2156 | 2157 | 2158 | 2159 | 2160 | 2161 | 2162 | 2163 | 2164 | 2165 | 2166 | 2167 | 2168 | 2169 | 2170 | 2171 | 2172 | 2173 | 2174 | 2175 | 2176 | 2177 | 2178 | 2179 | 2180 | 2181 | 2182 | 2183 | 2184 | 2185 | 2186 | 2187 | 2188 | 2189 | 2190 | 2191 | 2192 | 2193 | 2194 | 2195 | 2196 | 2197 | 2198 | 2199 | 2200 | 2201 | 2202 | 2203 | 2204 | 2205 | 2206 | 2207 | 2208 | 2209 | 2210 | 2211 | 2212 | 2213 | 2214 | 2215 | 2216 | 2217 | 2218 | 2219 | 2220 | 2221 | 2222 | 2223 | 2224 | 2225 | 2226 | 2227 | 2228 | 2229 | 2230 | 2231 | 2232 | 2233 | 2234 | 2235 | 2236 | 2237 | 2238 | 2239 | 2240 | 2241 | 2242 | 2243 | 2244 | 2245 | 2246 | 2247 | 2248 | 2249 | 2250 | 2251 | 2252 | 2253 | 2254 | 2255 | 2256 | 2257 | 2258 | 2259 | 2260 | 2261 | 2262 | 2263 | 2264 | 2265 | 2266 | 2267 | 2268 | 2269 | 2270 | 2271 | 2272 | 2273 | 2274 | 2275 | 2276 | 2277 | 2278 | 2279 | 2280 | 2281 | 2282 | 2283 | 2284 | 2285 | 2286 | 2287 | 2288 | 2289 | 2290 | 2291 | 2292 | 2293 | 2294 | 2295 | 2296 | 2297 | 2298 | 2299 | 2300 | 2301 | 2302 | 2303 | 2304 | 2305 | 2306 | 2307 | 2308 | 2309 | 2310 | 2311 | 2312 | 2313 | 2314 | 2315 | 2316 | 2317 | 2318 | 2319 | 2320 | 2321 | 2322 | 2323 | 2324 | 2325 | 2326 | 2327 | 2328 | 2329 | 2330 | 2331 | 2332 | 2333 | 2334 | 2335 | 2336 | 2337 | 2338 | 2339 | 2340 | 2341 | 2342 | 2343 | 2344 | 2345 | 2346 | 2347 | 2348 | 2349 | 2350 | 2351 | 2352 | 2353 | 2354 | 2355 | 2356 | 2357 | 2358 | 2359 | 2360 | 2361 | 2362 | 2363 | 2364 | 2365 | 2366 | 2367 | 2368 | 2369 | 2370 | 2371 | 2372 | 2373 | 2374 | 2375 | 2376 | 2377 | 2378 | 2379 | 2380 | 2381 | 2382 | 2383 | 2384 | 2385 | 2386 | 2387 | 2388 | 2389 | 2390 | 2391 | 2392 | 2393 | 2394 | 2395 | 2396 | 2397 | 2398 | 2399 | 2400 | 2401 | 2402 | 2403 | 2404 | 2405 | 2406 | 2407 | 2408 | 2409 | 2410 | 2411 | 2412 | 2413 | 2414 | 2415 | 2416 | 2417 | 2418 | 2419 | 2420 | 2421 | 2422 | 2423 | 2424 | 2425 | 2426 | 2427 | 2428 | 2429 | 2430 | 2431 | 2432 | 2433 | 2434 | 2435 | 2436 | 2437 | 2438 | 2439 | 2440 | 2441 | 2442 | 2443 | 2444 | 2445 | 2446 | 2447 | 2448 | 2449 | 2450 | 2451 | 2452 | 2453 | 2454 | 2455 | 2456 | 2457 | 2458 | 2459 | 2460 | 2461 | 2462 | 2463 | 2464 | 2465 | 2466 | 2467 | 2468 | 2469 | 2470 | 2471 | 2472 | 2473 | 2474 | 2475 | 2476 | 2477 | 2478 | 2479 | 2480 | 2481 | 2482 | 2483 | 2484 | 2485 | 2486 | 2487 | 2488 | 2489 | 2490 | 2491 | 2492 | 2493 | 2494 | 2495 | 2496 | 2497 | 2498 | 2499 | 2500 | 2501 | 2502 | 2503 | 2504 | 2505 | 2506 | 2507 | 2508 | 2509 | 2510 | 2511 | 2512 | 2513 | 2514 | 2515 | 2516 | 2517 | 2518 | 2519 | 2520 | 2521 | 2522 | 2523 | 2524 | 2525 | 2526 | 2527 | 2528 | 2529 | 2530 | 2531 | 2532 | 2533 | 2534 | 2535 | 2536 | 2537 | 2538 | 2539 | 2540 | 2541 | 2542 | 2543 | 2544 | 2545 | 2546 | 2547 | 2548 | 2549 | 2550 | 2551 | 2552 | 2553 | 2554 | 2555 | 2556 | 2557 | 2558 | 2559 | 2560 | 2561 | 2562 | 2563 | 2564 | 2565 | 2566 | 2567 | 2568 | 2569 | 2570 | 2571 | 2572 | 2573 | 2574 | 2575 | 2576 | 2577 | 2578 | 2579 | 2580 | 2581 | 2582 | 2583 | 2584 | 2585 | 2586 | 2587 | 2588 | 2589 | 2590 | 2591 | 2592 | 2593 | 2594 | 2595 | 2596 | 2597 | 2598 | 2599 | 2600 | 2601 | 2602 | 2603 | 2604 | 2605 | 2606 | 2607 | 2608 | 2609 | 2610 | 2611 | 2612 | 2613 | 2614 | 2615 | 2616 | 2617 | 2618 | 2619 | 2620 | 2621 | 2622 | 2623 | 2624 | 2625 | 2626 | 2627 | 2628 | 2629 | 2630 | 2631 | 2632 | 2633 | 2634 | 2635 | 2636 | 2637 | 2638 | 2639 | 2640 | 2641 | 2642 | 2643 | 2644 | 2645 | 2646 | 2647 | 2648 | 2649 | 2650 | 2651 | 2652 | 2653 | 2654 | 2655 | 2656 | 2657 | 2658 | 2659 | 2660 | 2661 | 2662 | 2663 | 2664 | 2665 | 2666 | 2667 | 2668 | 2669 | 2670 | 2671 | 2672 | 2673 | 2674 | 2675 | 2676 | 2677 | 2678 | 2679 | 2680 | 2681 | 2682 | 2683 | 2684 | 2685 | 2686 | 2687 | 2688 | 2689 | 2690 | 2691 | 2692 | 2693 | 2694 | 2695 | 2696 | 2697 | 2698 | 2699 | 2700 | 2701 | 2702 | 2703 | 2704 | 2705 | 2706 | 2707 | 2708 | 2709 | 2710 | 2711 | 2712 | 2713 | 2714 | 2715 | 2716 | 2717 | 2718 | 2719 | 2720 | 2721 | 2722 | 2723 | 2724 | 2725 | 2726 | 2727 | 2728 | 2729 | 2730 | 2731 | 2732 | 2733 | 2734 | 2735 | 2736 | 2737 | 2738 | 2739 | 2740 | 2741 | 2742 | 2743 | 2744 | 2745 | 2746 | 2747 | 2748 | 2749 | 2750 | 2751 | 2752 | 2753 | 2754 | 2755 | 2756 | 2757 | 2758 | 2759 | 2760 | 2761 | 2762 | 2763 | 2764 | 2765 | 2766 | 2767 | 2768 | 2769 | 2770 | 2771 | 2772 | 2773 | 2774 | 2775 | 2776 | 2777 | 2778 | 2779 | 2780 | 2781 | 2782 | 2783 | 2784 | 2785 | 2786 | 2787 | 2788 | 2789 | 2790 | 2791 | 2792 | 2793 | 2794 | 2795 | 2796 | 2797 | 2798 | 2799 | 2800 | 2801 | 2802 | 2803 | 2804 | 2805 | 2806 | 2807 | 2808 | 2809 | 2810 | 2811 | 2812 | 2813 | 2814 | 2815 | 2816 | 2817 | 2818 | 2819 | 2820 | 2821 | 2822 | 2823 | 2824 | 2825 | 2826 | 2827 | 2828 | 2829 | 2830 | 2831 | 2832 | 2833 | 2834 | 2835 | 2836 | 2837 | 2838 | 2839 | 2840 | 2841 | 2842 | 2843 | 2844 | 2845 | 2846 | 2847 | 2848 | 2849 | 2850 | 2851 | 2852 | 2853 | 2854 | 2855 | 2856 | 2857 | 2858 | 2859 | 2860 | 2861 | 2862 | 2863 | 2864 | 2865 | 2866 | 2867 | 2868 | 2869 | 2870 | 2871 | 2872 | 2873 | 2874 | 2875 | 2876 | 2877 | 2878 | 2879 | 2880 | 2881 | 2882 | 2883 | 2884 | 2885 | 2886 | 2887 | 2888 | 2889 | 2890 | 2891 | 2892 | 2893 | 2894 | 2895 | 2896 | 2897 | 2898 | 2899 | 2900 | 2901 | 2902 | 2903 | 2904 | 2905 | 2906 | 2907 | 2908 | 2909 | 2910 | 2911 | 2912 | 2913 | 2914 | 2915 | 2916 | 2917 | 2918 | 2919 | 2920 | 2921 | 2922 | 2923 | 2924 | 2925 | 2926 | 2927 | 2928 | 2929 | 2930 | 2931 | 2932 | 2933 | 2934 | 2935 | 2936 | 2937 | 2938 | 2939 | 2940 | 2941 | 2942 | 2943 | 2944 | 2945 | 2946 | 2947 | 2948 | 2949 | 2950 | 2951 | 2952 | 2953 | 2954 | 2955 | 2956 | 2957 | 2958 | 2959 | 2960 | 2961 | 2962 | 2963 | 2964 | 2965 | 2966 | 2967 | 2968 | 2969 | 2970 | 2971 | 2972 | 2973 | 2974 | 2975 | 2976 | 2977 | 2978 | 2979 | 2980 | 2981 | 2982 | 2983 | 2984 | 2985 | 2986 | 2987 | 2988 | 2989 | 2990 | 2991 | 2992 | 2993 | 2994 | 2995 | 2996 | 2997 | 2998 | 2999 | 3000 | 3001 | 3002 | 3003 | 3004 | 3005 | 3006 | 3007 | 3008 | 3009 | 3010 | 3011 | 3012 | 3013 | 3014 | 3015 | 3016 | 3017 | 3018 | 3019 | 3020 | 3021 | 3022 | 3023 | 3024 | 3025 | 3026 | 3027 | 3028 | 3029 | 3030 | 3031 | 3032 | 3033 | 3034 | 3035 | 3036 | 3037 | 3038 | 3039 | 3040 | 3041 | 3042 | 3043 | 3044 | 3045 | 3046 | 3047 | 3048 | 3049 | 3050 | 3051 | 3052 | 3053 | 3054 | 3055 | 3056 | 3057 | 3058 | 3059 | 3060 | 3061 | 3062 | 3063 | 3064 | 3065 | 3066 | 3067 | 3068 | 3069 | 3070 | 3071 | 3072 | 3073 | 3074 | 3075 | 3076 | 3077 | 3078 | 3079 | 3080 | 3081 | 3082 | 3083 | 3084 | 3085 | 3086 | 3087 | 3088 | 3089 | 3090 | 3091 | 3092 | 3093 | 3094 | 3095 | 3096 | 3097 | 3098 | 3099 | 3100 | 3101 | 3102 | 3103 | 3104 | 3105 | 3106 | 3107 | 3108 | 3109 | 3110 | 3111 | 3112 | 3113 | 3114 | 3115 | 3116 | 3117 | 3118 | 3119 | 3120 | 3121 | 3122 | 3123 | 3124 | 3125 | 3126 | 3127 | 3128 | 3129 | 3130 | 3131 | 3132 | 3133 | 3134 | 3135 | 3136 | 3137 | 3138 | 3139 | 3140 | 3141 | 3142 | 3143 | 3144 | 3145 | 3146 | 3147 | 3148 | 3149 | 3150 | 3151 | 3152 | 3153 | 3154 | 3155 | 3156 | 3157 | 3158 | 3159 | 3160 | 3161 | 3162 | 3163 | 3164 | 3165 | 3166 | 3167 | 3168 | 3169 | 3170 | 3171 | 3172 | 3173 | 3174 | 3175 | 3176 | 3177 | 3178 | 3179 | 3180 | 3181 | 3182 | 3183 | 3184 | 3185 | 3186 | 3187 | 3188 | 3189 | 3190 | 3191 | 3192 | 3193 | 3194 | 3195 | 3196 | 3197 | 3198 | 3199 | 3200 | 3201 | 3202 | 3203 | 3204 | 3205 | 3206 | 3207 | 3208 | 3209 | 3210 | 3211 | 3212 | 3213 | 3214 | 3215 | 3216 | 3217 | 3218 | 3219 | 3220 | 3221 | 3222 | 3223 | 3224 | 3225 | 3226 | 3227 | 3228 | 3229 | 3230 | 3231 | 3232 | 3233 | 3234 | 3235 | 3236 | 3237 | 3238 | 3239 | 3240 | 3241 |
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Statistics of commercial and business colleges for 1888-89—Continued.

| Post-office address. | Name. | Year of first opening. | Principal. | Number of months in full course of study. | | Weeks in scholastic year. | | Tuition. | | Instruct-ors. | | Students. | | | |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------|-------------------------------------------------|-------------------------------------------|-----------------|---------------------------|-----------------|-------------|-----------------|---------------|---------|-----------|---------|-------------|-----------------|
| | | | | Day course. | Evening course. | Day course. | Evening course. | Day course. | Evening course. | Male. | Female. | Male. | Female. | Day course. | Evening course. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 156 Glens Falls, N. Y. | Glens Falls Business College | 1887 | E. O. Sylvester | 10 | 5 | 40 | ..... | ..... | \$21 | 1 | 2 | 34 | 22 | 56 | ..... |
| 157 Ithaca, N. Y. | Wyckoff's Photographic Institute | 1870 | Mrs. Mary A. Admitt | 6-9 | ..... | 52 | ..... | ..... | ..... | ..... | ..... | 7 | 18 | 25 | ..... |
| 158 New York (6 E. 47th St.), N. Y. | E. D. Lyon's Classical School | 1881 | E. D. Lyon, A. M., Phil.D. | 94 | ..... | 38 | ..... | 150-300 | ..... | 6 | ..... | 30 | ..... | 30 | ..... |
| 159 New York, N. Y. | Manhattan Business College | 1864 | Rev. Bro. Castoris | 10 | ..... | 43 | ..... | 40 | 25 | 9 | ..... | 212 | ..... | 200 | 12 |
| 160 | Packard's Business College and School of Stenography | 1858 | S. S. Packard | 10-24 | ..... | 44 | ..... | 200 | ..... | 8 | 3 | 450 | 150 | 600 | ..... |
| 161 | Paine's Business College | 1849 | Rutherford & Howell | 12 | 12 | 52 | 52 | 88 | 88 | 3 | 1 | 282 | 48 | 217 | 113 |
| 162 | The Paine Uptown Business College | 1872 | H. W. Remington | 9 | 12 | 52 | 52 | 40-96 | 30-70 | 3 | 3 | 357 | 84 | 242 | 199 |
| 163 Olean, N. Y. | Westbrook Commercial College* | 1882 | E. D. Westbrook | 6 | 10 | 52 | 26 | 50 | 25 | 4 | 1 | 99 | 46 | 107 | 38 |
| 164 Peekskill, N. Y. | Westchester County Institute | 1877 | Charles Unterrainer | 10 | ..... | 40 | ..... | 60 | ..... | 2 | 1 | 24 | 18 | 42 | ..... |
| 165 Poughkeepsie, N. Y. | Eastman National Business College* | 1859 | Clement C. Gaines | 3-6 | 6 | 52 | 20 | 100 | 20 | 15 | 1 | 871 | 80 | 885 | 66 |
| 166 Rochester, N. Y. | Rochester Business University | 1863 | L. L. Williams and F. E. Rogers ..... | ..... | ..... | 40 | 24 | 100 | 30 | 11 | 2 | 416 | 81 | 416 | 71 |
| 167 | Taylor & Sons' Business College, Writing Institute, and School of Stenography | 1876 | A. J. Taylor | 3-6 | 6-12 | 52 | 52 | 100 | 48 | 5 | 2 | 250 | 75 | 125 | 200 |
| 168 Troy, N. Y. | Troy Business College | 1860 | Thos. H. Shields | 6 | 9 | 52 | 26 | 75 | 40 | 6 | 1 | 407 | 75 | 382 | 100 |
| 169 Utica, N. Y. | Utica Business College | 1862 | T. H. Shields, and G. F. Hendrick | 3 | ..... | 43 | 24 | 75 | 35 | 4 | 4 | (200) | ..... | 160 | 40 |
| 170 Akron, Ohio | Akron Business College | 1866 | O. S. Warner, M. A. .... | ..... | ..... | 29 | 20 | 40 | 25 | 1 | ..... | 23 | 3 | 15 | 11 |
| 171 Canton, Ohio | Canton Business College | 1875 | William Feller | 5 | 12 | 32 | 32 | 100 | 60 | 3 | ..... | 125 | 51 | 132 | 44 |
| 172 Cincinnati, Ohio (N. W. cor. 5th and Walnut sts.) | Martin's Queen City Business College* | 1884 | Thomas Martin | 8 | 12 | 52 | 52 | 50 | 50 | 3 | 2 | 90 | 50 | 70 | 70 |
| 173 Cincinnati, Ohio | Nelson Business College | 1856 | Richard Nelson | 12 | ..... | 50 | ..... | 75 | ..... | 4 | 4 | 245 | 63 | 308 | ..... |
| 174 Cleveland, Ohio | Spencerian Business College | 1848 | P. R. Spencer, E. R. Felton, H. T. Loomis | 6-24 | 12-48 | 52 | 34 | 40-100 | 25-30 | 16 | 4 | 1,000 | ..... | 1,000 | ..... |
| 175 | Western Reserve Business College | 1838 | W. L. Shinn | 8-12 | 16-24 | 44 | 36 | 50 | 34 | 2 | 1 | 64 | 18 | 52 | 30 |

| | | | | | | | | | | | | | | | |
|-----|------------------------|----------------------------------------------------------------|-------|------------------------------------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 176 | Columbus, Ohio..... | Columbus Commercial College..... | 1869 | Frank Humphreys..... | 6 | 52 | 24 | 48 | 23 | 4 | 4 | 195 | 150 | 345 | ..... |
| 177 | do..... | Columbus Business College and Normal School.* | 1869 | J. M. Brown..... | 12 | 48 | ..... | ..... | ..... | 6 | 1 | ..... | ..... | ..... | ..... |
| 178 | Dayton, Ohio..... | Miami Commercial College..... | 1869 | A. D. Witt..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | (200) | 200 | ..... | ..... |
| 179 | Delaware, Ohio..... | National Pen Art Hall and Business College..... | 1881 | G. W. Michael..... | 3 | 52 | 40 | 36 | 6 | 5 | 1 | 371 | 141 | 512 | ..... |
| 180 | Hamilton, Ohio..... | Ohio Commercial College.* | 1875 | W. A. Nichols..... | 6 | 50 | 32 | 90 | 50 | 3 | 0 | 95 | 21 | 61 | 55 |
| 181 | Mansfield, Ohio..... | Ohio Business College..... | 1886 | Joseph W. Sharp, M. S., VII, D. | 4 | 51 | 24 | 50-100 | 25 | 2 | 1 | 115 | 33 | 148 | ..... |
| 182 | Oberlin, Ohio..... | Oberlin Business College..... | 1883 | McKee & Henderson..... | ..... | 50 | ..... | 40 | ..... | ..... | ..... | 254 | 33 | 287 | ..... |
| 183 | Springfield, Ohio..... | Nelson Business College..... | 1883 | R. J. Nelson..... | 6 | 52 | ..... | 50 | ..... | 2 | 3 | 120 | 120 | 120 | ..... |
| 184 | do..... | Van Sickle's Practical Business Col- lege..... | 1871 | John Waddell Van Sickle..... | 6 | 40 | 25 | 40 | 20 | 1 | ..... | 46 | 5 | 28 | 23 |
| 185 | Toledo, Ohio..... | Toledo Business College and Short- hand School..... | 1868 | M. H. Davis..... | 8 | 52 | 24 | 60 | 20 | 5 | ..... | 440 | 260 | 600 | 100 |
| 186 | Youngstown, Ohio..... | Youngstown Normal Business College.* | 1885 | J. C. Stoiner..... | ..... | ..... | ..... | ..... | ..... | 2 | 1 | 124 | 36 | 120 | 40 |
| 187 | Zanesville, Ohio..... | Zanesville Business College..... | 1865 | G. C. Kennison..... | 4 | 52 | 20 | 40 | 20 | 1 | 1 | 95 | 50 | 120 | 25 |
| 188 | Portland, Oregon..... | Portland Business College.* | 1866 | A. P. Armstrong..... | 6 | 52 | ..... | ..... | ..... | 5 | 2 | 260 | 160 | 360 | ..... |
| 189 | Albion, Pa..... | Albion Business College..... | 1869 | W. L. Blackburn..... | 5-10 | 40 | 26 | 50 | 25 | 3 | ..... | 111 | 13 | 98 | 26 |
| 190 | Altoona, Pa..... | International Business College.* | 1885 | Crowley & Ruess..... | 4 | 8-10 | 52 | 52 | 8-33 | 2 | 0 | 125 | 90 | 125 | 50 |
| 191 | do..... | Mountain City Business College..... | 1879 | G. G. Zeth, A. M..... | 3 | 4 | 52 | 52 | 60 | 30 | 3 | 418 | 250 | 506 | 142 |
| 192 | Easton, Pa..... | Easton College of Business..... | 1870 | Chas. L. Free..... | 10 | 6 | ..... | 50 | 20 | 3 | ..... | 90 | 20 | 70 | 40 |
| 193 | Erie, Pa..... | Clark's Business College..... | 1883 | H. C. Clark..... | 5 | 8 | 34 | 100 | 35 | 5 | ..... | 275 | 25 | 225 | 75 |
| 194 | Harrisburg, Pa..... | Harrisburg Business School..... | 1885 | J. E. Garner..... | 6-10 | 10-12 | 40 | 24 | 25 | 1 | 1 | 57 | 25 | 52 | 30 |
| 195 | do..... | Keystone Business College..... | 1890 | W. D. Mossor..... | 7 | 8 | 40 | 32 | 35 | 20 | 2 | 21 | 6 | 10 | 17 |
| 196 | Lancaster, Pa..... | Lancaster Business College..... | 1880 | H. G. Weidter..... | 6-10 | 8 | 44 | 32 | 70 | 40 | 2 | 60 | 15 | 61 | 14 |
| 197 | Meadville, Pa..... | Bryant, Stratton & Smith Business College..... | 1865 | A. W. Smith..... | 6 | 12 | 44 | 20 | 20 | 4 | 1 | 230 | 100 | 260 | 70 |
| 198 | Philadelphia, Pa..... | Palm's Business College.* | 1885 | T. W. Palms..... | 44 | 52 | 30 | 50 | 24 | 3 | ..... | 198 | 9 | 121 | 86 |
| 199 | do..... | Peirce College of Business..... | 1865 | Thomas May Peirce..... | ..... | 43 | 26 | 120 | 25 | 19 | 2 | 888 | 149 | 637 | 400 |
| 200 | Pittsburgh, Pa..... | Commercial Department of Pitts- burgh Central High School.* | 1855 | C. B. Wood..... | 15 | 40 | ..... | 0 | ..... | 3 | 3 | 108 | 57 | 225 | 0 |
| 201 | do..... | Curry University..... | 1860 | Jas. Clark Williams..... | 6 | 10 | 28 | 65 | 30 | 19 | 12 | 861 | 621 | 1,305 | 177 |
| 202 | do..... | Duff's Mercantile College..... | 1840 | P. Duff & Sons..... | 4 | 6-8 | 52 | 28 | 50 | 25 | 9 | 660 | 220 | 700 | 189 |
| 203 | Seranton, Pa..... | Wood's Business College..... | 1886 | F. E. Wood..... | 10 | 14 | 36 | 60 | 30 | 4 | 4 | 495 | 111 | 366 | 240 |
| 204 | Union City, Pa..... | Luce's Commercial College..... | 1878 | N. R. Luce..... | ..... | 36 | ..... | ..... | ..... | 1 | 2 | 70 | 24 | 64 | 30 |
| 205 | Wilkes Barre, Pa..... | Wilkes Barre Business College.* | 1886 | W. J. Solly..... | ..... | 52 | 40 | 50 | ..... | 6 | ..... | 215 | 43 | 125 | 133 |
| 206 | Williamsport, Pa..... | Williamsport Commercial College.* | ..... | F. M. Allen..... | 5 | 8 | 52 | 32 | ..... | 3 | 1 | 336 | 20 | 356 | ..... |
| 207 | York, Pa..... | Batchelder's Business College..... | 1886 | J. M. Batchelder..... | 4-6 | 52 | 52 | 40 | 20 | 1 | ..... | 10 | 6 | 13 | 3 |
| 208 | Providence, R. I..... | Providence Bryant & Stratton Busi- ness College..... | 1883 | Theodore B. Stowell..... | 10 | 42 | 20 | 100 | 20 | 7 | 1 | 268 | 85 | 278 | 75 |
| 209 | do..... | Schofield's Commercial College..... | 1846 | Albert G. Schofield..... | 6 | 10 | 43 | 34 | ..... | 3 | 1 | 135 | 44 | 153 | 26 |
| 210 | Chattanooga, Tenn..... | Behm's Commercial College..... | 1875 | Jeromian Behm..... | ..... | 52 | 52 | 40 | ..... | 1 | ..... | 53 | 3 | 35 | 21 |
| 211 | do..... | Knoxville City Business College..... | 1866 | D. M. Agee..... | 9 | 12 | 30 | 72 | ..... | 5 | 1 | 155 | 66 | 160 | 61 |
| 212 | Knoxville, Tenn..... | Knoxville Business College..... | 1885 | J. T. Johnson..... | 6 | 18 | 51 | 30 | 25 | 4 | 1 | 215 | 25 | 200 | 40 |
| 213 | Memphis, Tenn..... | Leddin Business College..... | 1864 | W. T. Watson, LL.B..... | 44 | 52 | 44 | 75 | 45 | 4 | ..... | 212 | 62 | 256 | 48 |
| 214 | do..... | Nelson's Business College..... | 1887 | A. E. Nelson..... | 4-6 | 12-15 | 52 | 52 | 50 | 3 | ..... | 187 | 26 | 152 | 61 |
| 215 | Nashville, Tenn..... | Goodman's Business College.* | 1885 | Frank Goodman..... | 6-9 | 52 | ..... | 60-90 | 50 | 3 | 1 | 162 | 26 | 162 | 0 |
| 216 | do..... | Jennings' Business College..... | 1884 | R. W. Jennings..... | 3 | 4 | 30 | 50 | 40 | 3 | ..... | 140 | 5 | 130 | 15 |

Per month.

* Statistics of 1887-88.

Statistics of commercial and business colleges for 1888-89—Continued.

| Post-office address. | Name. | Year of first opening. | Principal. | Number of months in full course of study. | | Weeks in scholastic year. | | Tuition. | | Instruct-ors. | | Students. | | | |
|------------------------|---------------------------------------------|------------------------|------------------------------------|-------------------------------------------|-----------------|---------------------------|-----------------|-------------|-----------------|---------------|---------|-----------|---------|-------------|-----------------|
| | | | | Day course. | Evening course. | Day course. | Evening course. | Day course. | Evening course. | Male. | Female. | Male. | Female. | Day course. | Evening course. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Washington, Tenn... | Christie's Music and Business Col- lege. | 1877 | H. R. Christie..... | 4 | ..... | 36 | ..... | 30 | ..... | 3 | ..... | 140 | 142 | 282 | ..... |
| Dallas, Tex..... | Hill's Business College..... | 1888 | J. H. Gillespie..... | 5 | 12 | 52 | 44 | 50 | 65 | 5 | ..... | 137 | 18 | 140 | 15 |
| Fort Worth, Tex..... | Fort Worth Business College..... | 1879 | F. P. Preuitt..... | 10 | 9 | 42 | 38 | 50 | 45 | 3 | 2 | 376 | 32 | 340 | 68 |
| Waco, Tex..... | Hill's Business College..... | 1870 | R. H. Hill..... | 5 | 10 | 52 | 20 | 50 | 50 | 6 | ..... | 330 | 18 | 318 | 30 |
| Burlington, Vt..... | Burlington Business College..... | 1878 | E. G. Evans..... | 4 | 6 | 40 | 20 | 56 | 13½ | 2 | 2 | 88 | 25 | 85 | 28 |
| Lyndon Centre, Vt..... | Lyndon Commercial College..... | 1883 | Walter E. Ranger..... | 93 | ..... | 39 | ..... | 30 | ..... | 3 | 2 | 46 | 9 | 55 | ..... |
| Waterbury, Vt..... | Minard Commercial School..... | 1880 | J. C. Emerson..... | 9 | ..... | 36 | ..... | 25½ | ..... | 1 | 1 | 31 | 10 | 41 | ..... |
| Richmond, Va..... | Old Dominion Business College..... | 1867 | George M. Nicol..... | 8 | ..... | 35 | ..... | 50 | ..... | 1 | ..... | 34 | 34 | ..... | ..... |
| do..... | Smithfield Business College..... | 1883 | G. M. Smithfield..... | 3-4 | 9-12 | 52 | 52 | 40 | 40 | 3 | ..... | 32 | 6 | 26 | 12 |
| Walla Walla, Wash..... | Empire Business College..... | 1887 | Catlon Bros..... | 9 | 27 | 39 | 26 | 60 | 30 | 4 | ..... | 78 | 13 | 71 | 20 |
| Wheeling, W. Va..... | Wheeling Business College..... | 1860 | J. M. Frasher..... | 6 | 12 | 52 | 52 | 45 | 35 | 4 | 2 | 306 | 56 | 237 | 125 |
| Green Bay, Wis..... | Green Bay Business College..... | 1868 | J. N. McDunn..... | 8 | ..... | 51 | 24 | 50 | 20 | 4 | 1 | 159 | 43 | 177 | 25 |
| La Crosse, Wis..... | La Crosse Business College*..... | 1868 | J. L. Wallace..... | 10 | ..... | 52 | 16 | ..... | ..... | 3 | 0 | 153 | 14 | 125 | 42 |
| Madison, Wis..... | North-Western Business College..... | 1866 | R. G. Denning & J. C. Proctor..... | 6 | 12 | 40-52 | 25 | 45 | 26 | 5 | 1 | 199 | 86 | 251 | 34 |
| Milwaukee, Wis..... | Charles Mayer's Commercial Col- lege. | 1876 | Charles Mayer..... | 24 | ..... | 44 | 36 | 80 | 40 | 6 | 3 | (354) | (354) | (354) | (354) |
| do..... | Spencerian Business College..... | 1863 | Robert C. Spencer..... | 9 | ..... | 42 | 26 | 100 | 35 | 4 | 4 | 279 | 77 | 279 | 77 |
| do..... | Winnot Business College..... | 1881 | H. M. Winnot..... | 6 | 10 | 51 | 51 | 60 | 45 | 3 | 1 | 80 | 45 | 94 | 31 |

* Statistics for 1887-88.

a Per month.

CHAPTER XXXI.

NURSES' TRAINING SCHOOLS.

REMARKS ON THE STATISTICS.

As compared with the Report for 1887-88 the figures for the year under review show an increase of 145 pupils and 103 graduates. The corps of instruction is a difficult thing to define. In some instances the hospital staff has been returned as such, while in other instances the corps has been returned as composed of one or two instructors. Nine institutions report the "amount received from students at private nursing." The amount received from this source was \$21,395.

As to the text-books used there can be no doubt that Clara Weeks's Text-book on Nursing is a favorite, for in sixteen instances it is reported as being in use. In five instances Gray's Anatomy is used. There seems to be no set of text-books generally used in these schools, each school adopting its own combination irrespective of what books have been adopted by other schools. In one case the answer to the question as to the text-books used is, "Optional with the lecturers," and in another case, "Medical and surgical reference books are obtained in library."

As a large city is the condition under which a hospital can flourish, so may it be said that the nurses' training school is conditioned in a great measure on the hospital for its field of instruction. In fact these schools are almost always intimately connected with a hospital. From this it naturally follows that the financial statistics of the nurse-training school can not be given separately from those of the hospital.

TABLE 1.—*Instructors and pupils in training schools for nurses for 1888-89: summary of similar columns in Table 2.*

| | Schools. | In-struct-ors. | Pupils. | | | |
|-------------------------------|----------|----------------|---------|---------|--------|--------------|
| | | | Male. | Female. | Total. | Gradu-ating. |
| North Atlantic Division: | | | | | | |
| Vermont | 1 | 5 | (21) | | 21 | 4 |
| | | | (12) | | | |
| Massachusetts | 5 | 62 | 36 | 276 | 324 | 64 |
| Rhode Island | 1 | 1 | 0 | 20 | 20 | 12 |
| Connecticut | 1 | 4 | 0 | 25 | 25 | 30 |
| | | | (95) | | | |
| New York | 13 | 83 | 40 | 389 | 524 | 173 |
| New Jersey | 2 | 14 | (30) | 8 | 38 | 12 |
| Pennsylvania | 2 | 4 | 0 | 124 | 124 | 88 |
| South Atlantic Division: | | | | | | |
| District of Columbia | 1 | 7 | 0 | 20 | 20 | 5 |
| North Central Division: | | | | | | |
| Indiana | 1 | 9 | (18) | | 18 | 8 |
| Illinois | 1 | | (40) | | 40 | 18 |
| Michigan | 2 | 38 | 0 | 21 | 21 | 2 |
| Minnesota | 1 | 7 | 0 | 16 | 16 | 4 |
| Missouri | 1 | 16 | 0 | 25 | 25 | 6 |
| Western Division: | | | | | | |
| California | 1 | 10 | 0 | 32 | 32 | 5 |
| SUMMARY. | | | | | | |
| North Atlantic Division | 25 | 173 | (158) | 842 | 1,076 | 383 |
| South Atlantic Division | 1 | 7 | 0 | 20 | 20 | 5 |
| | | | (58) | | | |
| North Central Division | 6 | 70 | 0 | 62 | 120 | 38 |
| Western Division | 1 | 10 | 0 | 32 | 32 | 5 |
| Total | 33 | 280 | (216) | 956 | 1,248 | 431 |
| | | | 76 | | | |

TABLE 2.—Statistics of training schools for nurses for 1888-89, or therabouts.

| Post-office address. | Name. | Year of first opening. | Superintendent. | Number of instructors. | | Pupils. | | Graduates in the years 1888-89. | Years in full course of study. | Weeks in scholastic year. | Salary paid pupils. |
|---------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------|--------------------------------|------------------------|---|---------|------|---------------------------------|--------------------------------|---------------------------|--------------------------------------------------------|
| | | | | 5 | 4 | 3 | 2 | 1 | 9 | 10 | 11 |
| | | | | | | | | | | | |
| 1 San Francisco, Cal..... | Hospital for Children and Training School for Nurses..... | 1880 | | 10 | | 0 | 32 | 5 | 2 | 52 | \$10 per month first year; \$15 per month second year. |
| 2 New Haven, Conn..... | Connecticut Training School for Nurses..... | 1874 | Annie E. Dickinson, treasurer. | 4 | | 0 | 25 | 30 | 14 | 52 | \$182 for 18 months. |
| 3 Washington, D. C..... | The Washington Training School for Nurses..... | 1877 | Elizabeth M. Creemer | 7 | | 0 | 20 | 5 | 3 | .... | None. |
| 4 Chicago, Ill. (304 Hanon street). | Illinois Training School for Nurses (Cook County Hospital).* | 1881 | H. L. E. Johnson, M. D..... | .... |  | (40) | 18 | 2 | .... | .... | \$100 are paid each student on graduation. |
| 5 Indianapolis, Ind..... | Flower Mission Training School for Nurses.... | 1883 | Florence S. Hutcheson.... | 9 | | (18) | 8 | 2 | 2 | 52 | \$8 per month first year; \$14 second year. |
| 6 Boston, Mass..... | Boston Training School for Nurses..... | 1873 | M. B. Brown..... | *23 | | 0 | 88 | 25 | 2 | 52 | \$10 per month first year; \$14 second year. |
| 7 ....do..... | Boston City Hospital Training School for Nurses. | 1879 | Miss Lucy L. Drown..... | 16 | | 0 | 111 | 22 | 2 | 52 | \$10 to \$30 per month. |
| 8 Boston, Mass. (Dimock street). | Training School for Nurses (New England Hospital for Women and Children).* | 1872 | Eugenia A. Hurd..... | 1 |  | .... | (12) | 14 | .... | .... | \$150 for course. |
| 9 Somerville, Mass..... | McLean Asylum (insane) Training School for Nurses. | 1882 | Edward Cowles, M. D..... | 11 | | 36 | 51 | 9 | 2 | 36 | Average, \$12 per month. |
| 10 Worcester, Mass..... | City Hospital Training School for Nurses.... | 1883 | Charles A. Peabody, M. D.. | 11 | | 0 | 26 | 8 | 2 | 50 | \$7 per month first year; \$10 second year. |
| 11 Detroit, Mich..... | Detroit Emergency Hospital Training School (Michigan College of Medicine and Surgery). | 1888 | Hal C. Wymann..... | 14 | | 0 | 8 | .... | 2 | 50 | \$2 to \$3 a week. |
| 12 Grand Rapids, Mich..... | U. B. A. Home and Hospital..... | 1886 | L. J. Chase..... | 24 | | 0 | 13 | 2 | 2 | 40 | \$10 per month first year; \$12 second year. |
| 13 Minneapolis, Minn..... | Northwestern Training School*..... | 1882 | Sarah R. Throckmorton.... | 7 | | 0 | 16 | 4 | 14 | .... | \$20 to \$30 a week. |
| 14 St. Louis, Mo..... | St. Louis Training School for Nurses..... | 1883 | Emma L. War..... | *16 | | 0 | 25 | 6 | 2 | 50 | \$10 per month first year; \$12 second year. |
| 15 Orange, N. J..... | Training School for Nurses, Orange Memorial Hospital.* | 1880 | Miss Hanna W. Baker.... | 1 | | (30) | 9 | 2 | .... | .... | \$90 first year; \$141 second year. |
| 16 Paterson, N. J..... | Paterson General Hospital Training School for Nurses. | 1882 | .... | 13 | | 0 | 8 | 3 | 2 | 52 | \$108 first year; \$126 second year.* |
| 17 Brooklyn, N. Y..... | Brooklyn Homoeopathic Hospital Training School for Nurses. | 1878 | Harriet C. Camp..... | 14 | | 0 | 30 | 13 | 2 | 52 | \$10 a month first year; \$15 second year. |
| 18 Brooklyn, N. Y. (cor. De Kalb ave. and Raymond st.). | Brooklyn Training School for Nurses (Brooklyn Hospital).* | 1880 | Miss Mary A. Camp..... | 8 | | (52) | 14 | 2 | .... | .... | \$7 a month first year; \$12 second year. |

| | | | | | | | | | |
|----|-------------------------------------------------|------|-----------------------------|------|------|------|------|------|---------------------------------------------------|
| 19 | Brooklyn, N. Y. | 1883 | Miss Ida L. Sulliffe..... | 14 | (33) | 13 | 2 | .... | \$9 a month first year; \$15 second year. |
| 20 | Brooklyn, N. Y. (46 Con- cord st.) | 1870 | Miss S. A. Allen | 9 | (7) | 7 | 2 | .... | None. |
| 21 | Buffalo, N. Y. | 1877 | Lois M. Masten..... | 9 | 0 | 28 | 11 | 2 | \$9 per month first year; \$12 second year. |
| 22 | do | 1885 | Judson B. Andrews..... | 4 | 16 | 18 | 17 | 2 | \$10 per month first year; \$14 sec- ond year. |
| 23 | New York, N. Y. (54th st.) | 1888 | Rev. George L. Baker..... | .... | 0 | 20 | .... | 2 | \$10 per month first year; \$15 sec- ond year. |
| 24 | New York, N. Y. (Black- well's Island) | 1875 | Louise Doreler..... | 11 | 0 | 85 | 31 | 2 | \$10 per month first year; \$15 sec- ond year. |
| 25 | New York, N. Y. | 1887 | James F. Ferguson | 2 | 24 | 0 | 1 | 2 | \$144 first year; \$180 second year. |
| 26 | do | 1877 | George P. Ludlum | 1 | 0 | 120 | 33 | 1½ | \$10 to \$16 a month.* |
| 27 | do | 1873 | Agnes S. Brennan | 7 | 0 | 62 | 26 | 2 | \$7 per month first year; \$12 second year. |
| 28 | Rochester, N. Y. | 1882 | Miss S. M. Lawrence..... | 9 | 0 | 26 | 7 | 2 | \$120 per year. |
| 29 | Syracuse, N. Y. | 1855 | L. E. Mills | 5 | (10) | .... | .... | 2 | \$6 a month first year; \$10 second year. |
| 30 | Philadelphia, Pa. | 1861 | Annie M. Fullerton, M. D. . | 2 | 0 | 41 | 16 | 2 | \$10 per month. |
| 31 | West Philadelphia, Pa. . | 1885 | Marion E. Smith..... | 2 | 0 | 83 | 72 | 1 | \$9 per month to those remaining 2 years. |
| 32 | Providence, R. I. | 1882 | John M. Peters, M. D. | 1 | 0 | 20 | 12 | 2 | \$10 per month first year; \$15 sec- ond year. |
| 33 | Burlington, Vt. | 1882 | James B. Gibson, M. D. | 5 | (21) | 4 | 2 | .... | \$10 a month first year; \$12 for second year. |

* For 1887-88.

CHAPTER XXXII.

EDUCATION OF SPECIAL CLASSES.

I.—EDUCATION OF THE DEAF AND BLIND.

GENERAL REMARKS ON THE EDUCATION OF THE BLIND.

The most interesting question before the educators and friends of the blind is, how to educate them to make them self-supporting. The want of confidence in them on the part of persons who can see is the great obstacle with which a blind person has to contend. The question is almost universally asked, What can they do? We have numerous instances all around us of blind clergymen, lawyers, musicians, business men, farmers, mechanics, dressmakers, typewriters, and, in fact, in almost every occupation of life we find the blind at work with a success that contradicts the oft-repeated and mistaken idea that a blind person can not be successful in this great struggle. Courage, patience, and energy will bring the same reward to the blind as they will to the seeing. The mountain side may be steeper, the path may be rougher, but concentration and courage will crown the efforts of the blind with success.

The institutions of to-day for the blind are not only educating men and women in the theories of life work, but are imparting to them a practical knowledge of such subjects as each student seems to have an aptitude for. The broadened culture of the times, and the increasing competitions in trade, demand with emphasis the most skilled products of brain and hand. It is a serious thought that men in this age are liable to get out of place, and thus it behooves all to intensify and concentrate their life work on some specific occupation.

The teacher of the blind should study until he understands thoroughly each pupil placed under his charge so that he can educate and foster any talent that he may possess. If musical ability exists, let him cultivate this talent until the student becomes an expert—a specialist. If he finds that the student has a talent for teaching, let him give him all the advantages that the institutions of to-day possess, and make him an expert teacher. Whatever occupation the blind boy or girl makes choice of for his life work, let him or her be educated in that until success has been attained. A thorough mastery of some accomplishment, profession, or calling is the condition of success in after life for the blind, as well as for the seeing.

The committee appointed at the ninth biennial meeting of the instructors of the blind have abandoned the plan of a national university, and are asking of Congress an appropriation, to be apportioned among the States, to help blind pupils who wish higher education to attend the seeing universities and colleges. A bill to this effect has been placed by the committee in the hands of the House Committee on Education.

MEETING OF THE AMERICAN INSTRUCTORS OF THE BLIND.

The tenth biennial meeting of the American Instructors of the Blind was held at the Maryland School for the Blind, July 10, 11, and 12, 1888.

The schools of the United States and Canada were largely represented.

Papers were read upon the following subjects: "Home teaching," "Higher education," "Facial perception," "Stability of office tenure," "Institution discipline," "Occupation available to the blind after finishing their school course," "The cultivation of memory," "Hints on teaching music," "Methods of teaching."

The advancement and elevation of this phase of educational work is greatly assisted by the holding of these conventions. The papers read and the methods discussed serve to stimulate every teacher in the good work.

The subjects discussed were all of the greatest importance to those interested in the education of the blind.

The paper on "The higher education and the future welfare of the indigent blind" was read by Mr. Doyle, of the Virginia Institution for the Deaf and the Blind. In it he says:

"First. Higher education for the blind is most desirable. * * * It is a fact proven abundantly by themselves that the blind have both the capacity and the desire for a higher education. * * *

"Third. All that is lacking to provide for them in this respect is a wise utilization of the means already in hand, and the securing of a certain and adequate money supply to enable the *élèves* of the institutions to enter the higher walks of learning after they have received the benefit of all the facilities that the institutions can furnish.

"Fourth. This 'certain and adequate money supply' can come from but two sources, private benefactions or public appropriations. The first can scarcely be hoped for, certainly it can not be depended upon. The second can be secured if only this association will set itself heartily, vigorously at work to secure it."

Mr. Doyle would care for the indigent blind by helping them to care for themselves. He says: "Surely if we want to raise the condition of the indigent blind man we should strive to do so, if it be possible, in such a way as to preserve his own self-respect. He should be encouraged to help himself to the extent of his abilities, and when his endeavor fails the helping hand should be extended. In working for himself he will grow stronger as he surmounts difficulties. Every time a want is supplied by a man's own efforts the faculty which is called into play becomes stronger and the receiving want is smaller in proportion to the power of meeting it. Every time a want is met by the exertions of some one else, the power of meeting it by one's own effort is weakened."

He recommends that working homes for the blind be established in the different States similar to the working home for blind men in Philadelphia.

Mr. Parmalee, of the Nebraska Institute for the Blind, read a paper upon "The relation of school work to the future of the blind." In it he says: "More stress, it seems to me, needs continually to be laid upon the development of independent thought and research, the power to reason from cause to effect, of concentration upon a given subject, and such qualities of mind as courage, zeal, and persistence; a courage which is not daunted by defeat, a zeal not dependent on moods and caprice, and resoluteness of purpose and oneness of aim which shall not be turned aside by every east wind of opposition or adversity. And, further to the same end, we should persistently endeavor to assist our charges to rid themselves of all mannerisms, to form correct habits, and withal to be able to meet their fellow-man with clean hands and a pure heart. These are the qualifications and this the work necessary in building up a character and personality which shall make itself felt in the home circle, in social or church life, or in the body politic."

SOME CONCLUSIONS OF THE ROYAL COMMISSION ON THE DEAF, BLIND, ETC.

The most important event of the year in the education of those who have lost or who have never possessed sight or hearing is the long-awaited report of the Royal (English) Commission on the Blind and the Deaf and Dumb. It was before this commission that Professor Gallaudet, of the National Deaf College, testified as noted in our report for 1885-86, and subsequently Prof. A. Graham Bell.

The commission was originally intended to investigate the condition of the blind, but subsequently the scope of the inquiry was enlarged to include the deaf and such feeble-minded persons as were educable. We are not, of course, concerned so much with the condition of the blind and deaf in England as with the conclusions that the commission has reached on the burning questions whether the pure oral method be the greatest good to the greatest number of deaf children, and what shall be done to help the blind graduate. On the question whether the New York Point is better than the Braille, a burning question in this country, there is no doubt in England; they have one system only—the Braille. It should be stated, however, in passing that classes for the blind have been established by the school boards of London, Bradford, Cardiff, Sunderland, and Glasgow. A public day school for the blind has not yet been made a part of any of our city systems of public schools, as far as this Bureau is aware. For the deaf, of course, day schools have been established for some years.

The commissioner first defines the three systems of communication used by the deaf in the following terms:

"The three systems—sign and manual, oral, and combined—while having in common the desire to enable the deaf to *earn their livelihood*, work to this end in different ways. The first specially trains the deaf to communicate and associate with their fellow-deaf; the pure oral system specially trains the deaf to communicate and associate with the hearing and speaking world; the combined system, as its name implies, tries to combine the two former, the result being that, with few exceptions,

signs and the manual alphabet prevail and cause the pupil to relinquish the use of speech and to seek the society of deaf and dumb people. * * *

"Starting upon the assumption that a written language is common to all, one party says: 'We think that the sign language is the natural way in which the deaf and dumb express themselves;' the second, 'We aim at making the deaf and dumb conversant with our own language and able to express themselves in spoken language;' the third, 'Why should not you give the deaf and dumb the advantage of both systems?' All these have a common object in view; *i. e.*, to acquire language, the first by manual alphabet in addition to signs, the second by speech alone, and the third by a combination of all three."

The commission think that all the deaf not physically or mentally unsuited for it should be taught to speak and lip-read on the pure oral system, and that all children who are deaf be taught for one year at least on the oral system. But if the oral system is to be carried out, teachers must be provided; for the oral teacher must have a thorough knowledge of the *modus operandi* of the vocal organs, the function of the tongue, lips, and nose in speech. To obtain this special training requires two years, as in Germany when these two years are additional to the usual teachers' training course.

The commission, however, is very far from advocating the radical changes that the resolutions of the Milan convention¹ caused in France.

The number taught on each system of communication in the United Kingdom is as follows:

| | |
|------------------------------------------------------|-------|
| Number taught on the manual and sign system | 1,026 |
| Number taught on the combined system | 545 |
| Number taught on the oral and pure oral system | 1,563 |
| | 3,134 |

At a recent conference of those interested in the education of the deaf and dumb the following resolutions were passed:

"*Resolution No. 1.*—That the provision of the education acts be extended to the deaf and dumb, and power be obtained to enforce the compulsory attendance of children at an institution or day school up to the age of sixteen.

"*Resolution No. 2.*—That recommendations of the royal commission Nos. 2 and 3 be approved: No. 2. That when the number under any school authority is too small to form a class, or when the child is unable to attend an elementary school, the school authority should have the power and be required either to send a child to an institution or to board out such a child under proper inspection, and to contribute to his education and maintenance such annual grants as would be required to the contribution now allowed to be paid by boards of guardians; and if there should be neither institution nor school available or willing to receive such child, the school authority should have the power, either by itself or in combination with other school authorities, to establish a school or institution for the purpose, and to educate such children under proper inspection. No. 3. That, independently of the position of the parent, a capitation grant, not less than half the cost of the education of such child, with a maximum grant of £10, should be given for all in the same way as in ordinary elementary schools, and that the fees payable by necessitous parents should not exceed those payable in the case of ordinary children, but that in all cases parents should contribute according to their ability.

"*Resolution No. 3.*—That recommendation of the royal commission No. 4 be approved; that the age of entry should, as far as possible, be seven; that pupils should, as a rule, be admitted only once a year; that the school attendance should be compulsorily enforced for at least eight years without any existing limit of distance from school, and that power should be given to local authority to pay the rail or tram of such children when necessary.

"*Resolution No. 4.*—That recommendation of the royal commission No. 7 be approved; that technical instruction in industrial handicraft should be under the education department as part of the curriculum in schools for the deaf and dumb after the age of twelve or thirteen, and that this training be continued to sixteen. After sixteen it may be left to institutions to apprentice their pupils or to send them to the technical or industrial schools provided for ordinary children.

"*Resolution No. 5.*—That this conference regards the establishment of a training college for teachers of the deaf and dumb as of paramount importance, and approves the paragraphs Nos. 19 and 20 of the recommendations of the royal commission in that behalf."

In the Bureau's Report for 1886-87, when speaking of "Workshops for the blind" (p. 838), mention is made of the "Saxon system" of care for the blind—*Fürsorge*, that is to say, protection.²

¹ See p. 821, U. S. Bureau of Education Report, 1886-87.

² The fund the interest of which is distributed, which was given in 1886-87 as \$7,500, was incorrect for that date. The fund is now about \$250,000.

The commission finds this to be the system best adapted to the purpose and recommends its adoption for the United Kingdom, under the following conditions. "(1) That a register should be kept of all the pupils leaving the institution; (2) that they should be assisted in carrying on a trade, should they wish to set up for themselves, and in the first instance be provided with tools and material gratis, and subsequently at cost price; (3) that the institutions should endeavor to provide funds to supplement the workman's earnings, grant loans, or afford him assistance in case of illness; (4) an endeavor should be made to interest some influential local agency, with which the institution should correspond on behalf of the blind."

Of course the first request is to obtain a sufficiently large fund, the interest of which would eke out the earnings of the blind workman.

At the conference already referred to, the following resolutions in regard to the blind were also presented: It is thought probable that early legislation will carry the resolutions, both for the deaf and blind, into effect.

"(1) That the time has now arrived when the education of the blind should be put on at least an equal footing with that of the seeing, and that provisions of the education acts and codes be therefore extended to them, with such modifications and further assistance as the conditions require, in accordance with the recommendations of the royal commission on this point, and that consequently those schools and institutions which are willing to accept state inspection should be granted state aid.

"(2) That in the case of the blind, whether children or adults, it is also desirable that special technical and industrial training should be added, aided by the education department, in addition to other subjects.

"(3) In reference to the respectable old and infirm blind the conference thoroughly indorses the recommendation of the royal commission, and also adopts the suggestion contained in paragraph 263 of their report, viz: 'We think that when the industrious and well-conducted blind are unable to work and have to fall back on the assistance of the poor law, the workhouse test should not be applied, and we recommend that there should be a liberal outdoor relief (which should not subject them to any legal disqualifications) given to those who have friends to live with, and that the blind be not forced to go into the workhouse; and in the case of those who are admitted to the house, the workhouse selected for the purpose should be in a town where an institution or association for the blind already exists; the blind inmates, moreover, to be treated in a more generous way than ordinary paupers; and power should be given to the guardians in London or elsewhere to set apart a separate ward or home for the reception of the aged pauper blind, or to combine with other boards in providing a separate home for them. In case of women it might be expedient to place them in a cottage home.'"

NOTES FROM CATALOGUES, ETC.

I.—Institutions for the deaf.

Alabama Institution for the Deaf, Talladega, Ala.—The commissioners and principal of this institution are earnestly recommending the establishment of a school for the colored deaf and blind.

The oral department has been carried on with good results. The institution has secured an additional teacher and intends to enlarge in this direction.

Arkansas Deaf-Mute Institution, Little Rock, Ark.—The north wing of this institution has been entirely rebuilt.

"Articulation and lip-reading and the related branches of auricular instruction have been given the same amount of attention as formerly. All those cases where it is thought there was a chance for sufficient permanent improvement to justify the attempt have been taught, and many cases where the chance seemed doubtful have been given a fair trial."

The great advantages of manual training seem to be thoroughly understood and appreciated in this institution. The department teaches drawing and painting, printing, photography, house-painting, shoemaking, sewing and domestic work. They do job printing; and all the shoes that are used in the school are made by the pupils.

California Institution for the Education of the Deaf and Dumb and the Blind, Berkeley, Cal.—There are 30 pupils in the articulation and lip-reading class of this institution. Ten minutes a day is the time given to each pupil in the class. The friends of the institution are asking for funds to enable them to employ more teachers.

"The deaf are facile in everything requiring a quick eye and dexterous fingers. Drawing, painting, modeling, carving, engraving, are among the branches of fine art in which the deaf mute may and often does excel. Of the mechanical arts none are beyond his reach, and it is only a question of advantage as to which he shall turn his hand to. Up to this time there has not been much choice of handicraft offered in this institution. Wood-working and painting shops have been established, and the results have justified the selection. The boys in both departments have made marked progress, and the cabinet work done at their hands would not discredit journeymen."

Colorado Institute for the Mute and the Blind, Colorado Springs, Colo.—Every pupil on entering the school is placed in the articulation and lip-reading class. Those whose progress warrants success are kept in the class. All the pupils are given instruction in manual training of some sort. In the carpenter shop there are a number of boys that when it becomes necessary for them to leave the institution can make a good comfortable living. The printing office publishes the Colorado Index, which has not only paid all the expenses of publication, but has been a source of revenue to the institution.

American Asylum for the Deaf and Dumb, Hartford, Conn.—"Of the pupils received into this school during the last 4 years 74 per cent. gave sufficient promise of success in acquiring speech and lip-reading to warrant their continued daily instruction in those branches. Of those taught, 47 per cent. were born deaf, 14 per cent. lost hearing under 2 years of age, 24+ per cent. lost hearing between the ages of 2 and 4 years, and 14+ per cent. lost hearing at the age of 4 years."

Of the manual training department the principal says: "Instruction in this new department was begun in 1822, and in the following year two large and convenient workshops were erected. From that day to this manual training has been a part of the instruction of every able-bodied boy, rich and poor alike, passing through his school course here. Our former pupils are now at work as cabinetmakers, carpenters, furniture-makers, in many other capacities where wood-working tools are used, and in a variety of occupations which the training of eye and hand and of the judgment here has fitted them to take up successfully."

Kansas Institution for the Education of the Deaf and Dumb, Olathe, Kans.—The opportunity is given to those who show aptitude for the learning of articulation and lip-reading, with daily recitations in the class room, in addition to the regular work.

In the industrial department the pupils are taught cabinetmaking, shoemaking, printing, and sewing.

Maryland School for the Deaf and Dumb, Frederick, Md.—"We give every child who enters an opportunity to learn to speak. No matter what the mental condition nor how unpromising the case may be, the child is faithfully taught through the first year by teachers who rank with the best in the country in oral teaching. At the end of the year those who have not made sufficient progress to justify their continuance are dropped from the oral classes and from time to time receive their instruction through the manual and sign method."

The principal, in speaking of the industrial department, in his annual report says: "All boys who are large enough are employed about 2½ hours daily, either in the shoe shops, cabinet shop, or printing office. They are assigned to one or the other, either by choice of parent of the boy himself, or the principal, and are seldom allowed to change from one to the other. Our boots and shoes are disposed of at wholesale at fair prices and are in constant demand. The shop, however, is not a source of revenue nor can any shop be which is carried on by the labor of pupils whose time is chiefly devoted to school. Our shops are schoolrooms and our foremen teachers whose business is to train workmen rather than to turn off work. The cabinet shop does all our repair work except plumbing, makes up such articles of furniture as we require, and sometimes fills orders for fine work for outside parties. We have also made a good deal of cheap work for the furniture stores."

"In the printing office we have continued the publication of the Bulletin, a biweekly newspaper for general circulation as well as for use in the school, have printed our own reports and daily lessons for the class use and other miscellaneous work."

The girls have been taught plain sewing and the use of machines. The older ones have also been instructed in dressmaking.

Clarke Institution for Deaf-Mutes, Northampton, Mass.—"In our schoolroom work our first aim is to develop the minds of our pupils and to teach language as an expression of thought. During the earlier years all effort is directed toward this end. The later years are occupied with a regular course of study, although the acquisition of language is always considered of prime importance. The ease with which such branches of study may be pursued is in exact proportion to the knowledge of language previously acquired. This knowledge of language we attempt to give through the oral method, so called. This method teaches the child spoken words first, then written words. Our communication with pupils and all instruction is through spoken or written language. Ability to understand the language of books and the spoken language of the persons with whom one is associated is all that is needed to make unlimited acquisition of knowledge possible. In so far as we can impart this ability to our pupils we furnish them in the best possible way for life among men. If we add to this such training of eye and hand as shall fit our boys and girls to support themselves, we have surely done for them the utmost in our power. With this last object in view, our older boys are employed in cabinetwork under a competent instructor from 2 to 3 hours each day. The girls are taught sewing and light housework, and instruction in wood carving and cast drawing is given to all the older

pupils who, on trial, show any aptness for either. Physical culture is not neglected. Plenty of exercise in the open air is insisted upon, and gymnastic exercises are practiced regularly in the primary school; but the need, especially for our older pupils, of a well-equipped gymnasium is greatly felt.

Michigan School for the Deaf, Flint, Mich.—The chief aim of this school is to give the pupils a knowledge of the English language. To have pupils to elegantly express themselves and think in this language is the great end sought.

No one method is used to the exclusion of others. In the oral classes pupils are confined to lip-reading and speech. The manual alphabet is generally used in all other class rooms as a means of communication.

None but expert instructors in the workshops of this institution are employed. The trades taught are those that the pupils will be most likely to find employment in when they leave the school.

After a five-years' course of study the pupils are given an industrial training-course, each pupil spending four hours daily at his work. Cabinetmaking, shoemaking, printing, plumbing, baking, and farm work are taught to the boys. The girls are taught sewing, dressmaking, ironing, making beds, sweeping, doing dining-room and kitchen work.

Minnesota Institute for Defectives, Faribault, Minn.—On entering this school all the pupils are placed in the articulation class and given a fair trial, and if the teacher is satisfied that the pupil can not successfully be taught lip-reading and speech, articulation is discontinued. Fifteen pupils are taught exclusively speech and lip-reading and have no other method of communication with each other and their teachers. More than 10 per cent. of the pupils of this institution have been found capable of receiving permanent improvement in articulation and lip-reading.

The progress in the industrial department is very gratifying to the superintendent. He says: "The shop makes education practical, not to say profitable. It makes children grow up familiar with work, and when they leave school they do not feel above work." * * *

"Manual work and intellectual work ought not to be divorced, and when a boy is taught to use his hands as well as his brains, his education is broader, more practical, and more helpful to himself and the State."

St. Joseph's Institute for the Improved Instruction of Deaf-Mutes, Fordham, N. Y.—A new and commodious building has been erected for this school; the entire cost will not exceed \$55,000. Strict attention is paid to speech and lip-reading in the more advanced classes. All the lessons are studied until the language is thoroughly understood. The industrial department also receives its full share of attention. Many of the older pupils that have left the institution have been successful in obtaining employment.

Western Pennsylvania Institution for the Instruction of the Deaf and Dumb, Edgewood, Pa.—The combined method of instruction is used in this institution. More attention is being given to articulation and lip-reading.

A new building has been erected for the industrial department, which has infused new life in this part of the work. The older pupils spend from three to four hours a day in the workshops, the younger ones about two hours. Shoemaking, carpentry, cabinetmaking, and wood carving is taught. All the furniture required for the building is made in the cabinet shop by the boys of the institution. The girls are taught plain sewing, dressmaking, and house work.

Pennsylvania Institution for the Deaf and Dumb, Philadelphia, Pa.—The board of directors of this institution has purchased a new site in the Twenty-second ward of the city of Philadelphia, containing 61 acres, at a cost of \$120,000. They hope to complete the new building in about three years. More than \$500,000 will be required for all the improvements.

In the oral department of this school there are eleven instructors and one hundred pupils. In the industrial department instruction is given in printing, drawing, tailoring, shoemaking, carpentering, glazing, dressmaking, and cooking.

Institution for the Education of the Deaf and Dumb and the Blind, Staunton, Va.—In this institution the industrial department receives especial attention. It includes carpentering, upholstering, joiner work, house-painting and baking, all under the supervision of competent instructors.

The combined method of instruction is used.

Wisconsin School for the Deaf, Delavan, Wis.—The oral and combined methods are taught in this school. Special oral instruction is given to three classes, and good results have been obtained. For twenty years past speech and lip-reading has been taught in this institution.

Two and one-half hours daily are spent in the workshops. The pupils are taught shoemaking, carpentering, printing, baking, sewing, and mending.

II.—*Institutions for the blind.*

Indiana Institution for the Education of the Blind, Indianapolis, Ind.—The normal department of music is comparatively new in this institution. The aim of this department is to give such instruction in the art and practice of teaching as to make of each pupil a successful teacher.

Great interest is felt in the industrial department of this school. The superintendent says in his annual report to the trustees: "While we do not undervalue in the least degree the many benefits to be derived from intellectual and musical culture, yet we feel that in a school for the blind too much attention can not be given to industrial education, for we recognize the fact that the mental stamina and natural inclination of many blind youths are such that if they are fitted at all by training to earn their own living it must be done by teaching them some useful trade. Furthermore, to be occupied in some congenial handicraft and be able to manipulate the different parts of simple machinery and different kinds of material are not only sources of great pleasure to the blind, but they furnish means by which habits of industry, perseverance, and activity are cultivated. * * * Therefore no scheme for the education and training of the blind that does not provide for a well-equipped and well-regulated industrial department is complete."

Kansas Institution for the Education of the Blind, Kansas City, Kans.—The superintendent in his report to the trustees speaks of the prosperous condition of this institution and the practical results of the graded system of the school. He says: "Its results have been most beneficial to the pupil as well as the teacher, making the work of both much more easy and thorough, and enabling us to give to the primary department that vigorous training which is so much needed in after life."

Speaking of the results of the point method, he says: "With a thorough knowledge of the point, equipped with all the requirements, a blind pupil will accomplish as much and with nearly the same rapidity as the seeing."

Maryland School for the Blind, Baltimore, Md.—The committee on instruction of this school strongly recommends the higher education of the pupils of the school for the blind.

"(2) Blindness is a physical defect, and always must limit the physical efficiency of the blind man, but his intellectual capability is another thing. The public is too apt to confound the two, while in practice the very fact of the physical defect actually increases the mental power, for it calls into play such faculties as concentration and attention to a higher degree than the seeing can ever need them.

"(3) If the above is true there is no class of our fellow-men who require more the benefit of a higher education. At present the public idea is that a blind man can be educated to a certain point, and at this point his physical defect places the limit. The public utterance in all the schools, 'thus far shalt thou go, and no farther,' is unfortunately taken up by the blind, for a man is very apt to believe himself to be what his fellow-man declares him, and the blind man with his sense of infirmity is probably more sensitive to such impressions than the seeing. It is not necessary to call to mind a historian like Prescott, a postmaster-general like Fawcett, or a mathematician like Carl; there are numerous instances all around us, lawyers, musicians, clergymen, business men, who have simply become so because they had the means to secure a higher education.

"(4) We are often told that such and such a blind man has failed in the struggle of life, and this is used as an argument to prove that the blind man can not successfully hold his own in this great struggle. I have made it my business to inquire of a large number of superintendents and individuals, and I have yet to meet the first case where the blind man has failed because he was blind. In every instance he would have failed from the same want of character had he been a seeing man, and to step a little lower, I have yet to find in all my experience, with one exception, a single instance of a blind beggar who was not either an imposter, vicious, or profligate, and my experience is the same as that of others connected with the blind."

Perkins Institution and Massachusetts School for the Blind, Boston, Mass.—This institution has received a bequest of \$4,250 by the will of Ann Schofield; also a gift of \$38,000 towards the endowment fund for the kindergarten department from Miss Helen C. Bradlee. The gift of Miss Bradlee is the largest thus far the institution has ever received. It will be known as the "Bradlee Fund."

The building dedicated one year and a half ago to the uses of the kindergarten has already become crowded to its utmost capacity. The director of this department has asked the trustees for a second building similar to the first one in size and architecture.

Ohio Institution for the Education of the Blind, Columbus, Ohio.—The superintendent recommends action on the part of the legislature making it compulsory to send children of proper ages and mental capacity to the school provided for them by the State. He also indorses the action of the convention of the American Instructors for the Blind in Baltimore, Md., in reference to the printing of text-books on every subject taught in the various institutions; and believes that the use of text-books will

teach them to rely more upon themselves and to utilize time lost by the oral method. He recommends the use of the New York Point in printing the majority of the books for the use of the blind, because it is more easily read by those whose fingers are less delicate to touch, and because the point is available for writing, "enabling pupils to take notes on their school work to preserve for future reference, and for purposes of correspondence." He says that higher education is desirable, and with the proper facilities provided the usefulness and happiness of the pupils will be secured, and the graduates will profit by the higher course. He recommends the addition of a collegiate department, equipped with the necessary teaching force and apparatus for acquiring the higher education.

This institution has a well-equipped manual-training department. In the tuning shop thirty-four young men are taught tuning and repairing. Eight pianos and five models of actions from different manufactories are used. Fifty-four pupils are learning to make brooms, who devote their time to this work when not occupied with other duties. In the cane-seating shop there are forty-six pupils under instruction. In the sewing department ninety-six girls are taught plain hand and machine sewing, darning and mending.

Pennsylvania Institution for the Instruction of the Blind, Philadelphia, Pa.—In this institution the higher education of the pupils is recommended, and in the manual training department the selection of special trades for the blind is considered of the greatest importance. Trades that can be followed by individuals should be selected, and care should be taken to select such trades as are not likely to be interfered with by the introduction of machinery. The superintendent also recommends instruction in business methods, and that the pupils be taught to cultivate habits of self-reliance.

This school claims to be the first to have formally introduced cooking as a regular branch of instruction.

"A room has been fitted as a kitchen, and here twice a week sixteen girls may be seen busily at work over their tasks, involving all the principles of the culinary art. Not only are they taught to bake and broil and fry, but the course goes deeper in the training in domestic economy, the arts of utilizing previously cooked foods, the making of palatable and nutritious dishes from inexpensive materials, undesirable cuts of meat, and the parts usually wasted; in fact, in the many petty household economies of which the French are masters and in which the American housewife is commonly deficient. The chemical composition of foods, as well as the requirements of the body, are all considered, and fact and rule take the place of *judgment* and *taste*, those terms so common in cook books.

"The experience of a year has shown it to be entirely practical and fully justifies the anticipations of success."

Remarks on the tables.

The Eastern Iowa School for the Deaf, at Dubuque, Iowa, and the Albany School, at Albany, N. Y., are private institutions for the education of the deaf and dumb and have been established since the preceding Report. The manual or sign method of instruction is used by the Eastern Iowa School, and the oral at the Albany School.

Of the 75 institutions for the deaf appearing in the following tables, 66 have reported direct to this Office. Forty-two use the combined method of instruction, 15 the pure oral, and 9 the manual or sign method. The number of pupils taught speech and lip-reading in the schools using the combined and oral methods as reported to us is 2,274, or about 28 per cent. of the whole number of pupils reported in the institutions for the deaf and the dumb. Two hundred and eighty-nine pupils graduated from these institutions in 1888-89. The whole number of pupils graduated since the organization of the institutions is 5,075. The number of pupils in the kindergartens is 161, and in the manual training departments 2,757. The trades taught are photography, gardening, drawing, painting, sewing, dressmaking, carpentry, printing, shoemaking, molding, patternmaking, coopering, wood engraving, wood carving, charcoal drawing, crayon drawing, typewriting, tailoring, cooking, machine sewing, millinery, stocking knitting, fancy work, scroll sawing, modeling in clay, metal working, laundry, housepainting, plumbing, bookbinding, glazing, and farming. The number of institutions that give instruction in kindergarten work is 6, and in manual training 38. The schools are raising the standards of their literary departments and are reporting progress all along the line.

The number of institutions for the blind appearing in the tables is 34, including the institution at Cheyenne, Wyo., from which no information has been received by this office. The 33 institutions reporting show an increase of 71 instructors and 274 pupils over last year's report.

In the cases of institutions for both the deaf and blind it has been found impossible to separate the receipts and expenditures of the departments for the deaf from those of the departments for the blind. In order to prevent confusion and a fictitious increase in these items, all the financial statistics received from such institutions have been placed in the tables of statistics of the education of the deaf. The school for the colored blind at Austin, Tex., is the only exception to this.

Summary of statistics of institutions for the deaf for 1888-89.

| State. | Instructors. | | | Pupils. | | | | | Receipts. | Expenditures. | Number of volumes in library. | | | |
|-------------------------------|--------------|---------|--------|-------------------------------|-------|---------|--------|----------------------------------------|-----------|---------------|----------------------------------|----------------------------|-------------|--------|
| | Male. | Female. | Total. | Articulation and lip read. | Male. | Female. | Total. | Articulation. In kindergar. ten. | | | | Articular per- ception. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| United States..... | 74 | 248 | 362 | 610 | 191 | 4,635 | 3,521 | 8,156 | 2,672 | 276 | 290 | \$1,711,108 | \$1,864,836 | 74,354 |
| North Atlantic Division | 21 | 55 | 168 | 223 | 122 | 1,530 | 1,218 | 2,748 | 1,338 | 180 | 133 | 717,942 | 674,967 | 25,298 |
| Maine | 1 | 0 | 7 | 7 | 7 | 32 | 23 | 55 | 55 | 0 | ..... | 5,400 | ..... | ..... |
| Massachusetts..... | 4 | 0 | 27 | 27 | 25 | 115 | 120 | 235 | 224 | 0 | ..... | 37,969 | 35,101 | 2,133 |
| Rhode Island..... | 1 | 0 | 6 | 6 | 5 | 13 | 21 | 34 | 34 | 0 | ..... | 4,000 | 3,867 | 350 |
| Connecticut..... | 2 | 7 | 11 | 18 | 7 | 109 | 78 | 187 | 25 | 0 | ..... | 4,375 | ..... | 2,000 |
| New York..... | 9 | 34 | 75 | 109 | 59 | 831 | 629 | 1,460 | 819 | 180 | 129 | 438,991 | 461,114 | 14,140 |
| New Jersey..... | 1 | 1 | 6 | 7 | 2 | 56 | 54 | 110 | ..... | 0 | ..... | 33,440 | 33,440 | 0 |
| Pennsylvania..... | 3 | 13 | 36 | 49 | 17 | 374 | 293 | 667 | 181 | 0 | 4 | 193,767 | 141,445 | 6,675 |
| South Atlantic Division | 10 | 39 | 27 | 66 | 13 | 454 | 316 | 770 | 192 | 6 | 10 | 218,107 | 182,806 | 9,657 |
| Maryland..... | 3 | 5 | 11 | 16 | 6 | 85 | 63 | 148 | 77 | 0 | 5 | 33,520 | 32,006 | 2,200 |
| District of Columbia..... | 1 | 10 | 2 | 12 | 1 | 102 | 30 | 132 | 28 | 0 | 5 | 62,457 | 61,941 | 3,500 |
| Virginia..... | 1 | 7 | 3 | 10 | 1 | 43 | 47 | 90 | 23 | 0 | 0 | 35,650 | 35,000 | ..... |
| West Virginia..... | 1 | 3 | 2 | 5 | 1 | 31 | 22 | 53 | 26 | 0 | 0 | 25,000 | 24,373 | 757 |
| North Carolina..... | 1 | 5 | 2 | 7 | 1 | 84 | 80 | 164 | 10 | 0 | 0 | 57,000 | 4,450 | 1,600 |
| South Carolina..... | 1 | 2 | 3 | 5 | 2 | 42 | 38 | 80 | 17 | 0 | 0 | ..... | ..... | ..... |
| Georgia..... | 1 | 4 | 2 | 6 | 0 | 55 | 31 | 86 | ..... | ..... | 0 | 19,500 | 20,050 | 1,200 |
| Florida..... | 1 | 3 | 2 | 5 | 5 | 12 | 5 | 17 | 11 | 6 | ..... | 5,000 | 5,000 | ..... |
| South Central Division | 9 | 32 | 29 | 61 | 8 | 497 | 362 | 859 | 146 | 0 | 17 | 109,862 | 174,249 | 4,722 |
| Kentucky | 1 | 9 | 5 | 14 | 1 | 100 | 69 | 169 | 14 | 0 | ..... | 36,437 | 38,982 | 1,650 |
| Tennessee..... | 1 | 4 | 3 | 7 | 1 | 87 | 64 | 151 | 13 | 0 | ..... | 24,000 | 24,000 | 600 |
| Alabama..... | 1 | 2 | 4 | 6 | 2 | 50 | 30 | 80 | 17 | 0 | ..... | 17,400 | 21,000 | 600 |
| Mississippi..... | 1 | 5 | 3 | 8 | 1 | 46 | 39 | 85 | 30 | 0 | 5 | ..... | 12,075 | 500 |
| Louisiana..... | 2 | 3 | 2 | 5 | 1 | 38 | 30 | 68 | 0 | 0 | 0 | 9,000 | 9,075 | 150 |
| Texas..... | 2 | 7 | 7 | 14 | 1 | 119 | 72 | 191 | 38 | 0 | 0 | 48,547 | 48,547 | 750 |
| Arkansas..... | 1 | 2 | 5 | 7 | 1 | 57 | 53 | 115 | 34 | 0 | 12 | 23,035 | 19,370 | 472 |

| North Central Division | | | | | | | | | | | | | | | 28 | 102 | 129 | 231 | 41 | 1, 078 | 1, 502 | 3, 480 | 915 | 72 | 122 | 573, 778 | 720, 643 | 22, 687 |
|------------------------|---|----|----|----|----|-----|-----|-----|-----|----|----|----------|----------|---------|----|-----|-----|-----|----|--------|--------|--------|-----|----|-----|----------|----------|---------|
| Ohio..... | 5 | 16 | 16 | 32 | 4 | 254 | 241 | 495 | 125 | 0 | 6 | 1, 578 | 86, 430 | 2, 100 | | | | | | | | | | | | | | |
| Indiana..... | 2 | 10 | 11 | 21 | 2 | 207 | 166 | 373 | 89 | 0 | 0 | 109, 800 | 63, 764 | 5, 768 | | | | | | | | | | | | | | |
| Illinois..... | 4 | 18 | 33 | 51 | 8 | 349 | 270 | 619 | 213 | 10 | 59 | 114, 600 | 113, 054 | 10, 460 | | | | | | | | | | | | | | |
| Michigan..... | 2 | 10 | 12 | 22 | 2 | 191 | 151 | 342 | 90 | 0 | 0 | 62, 300 | 60, 720 | 350 | | | | | | | | | | | | | | |
| Wisconsin..... | 4 | 12 | 17 | 29 | 12 | 220 | 115 | 335 | 107 | 32 | 11 | 44, 350 | 36, 629 | 1, 265 | | | | | | | | | | | | | | |
| Minnesota..... | 2 | 6 | 6 | 12 | 4 | 123 | 95 | 218 | 117 | 30 | 0 | 35, 200 | 34, 000 | 1, 300 | | | | | | | | | | | | | | |
| Iowa..... | 2 | 9 | 10 | 19 | 2 | 191 | 134 | 325 | 44 | 0 | 0 | 28, 300 | 18, 000 | 640 | | | | | | | | | | | | | | |
| Missouri..... | 4 | 7 | 9 | 16 | 3 | 201 | 153 | 359 | 50 | 0 | 20 | 67, 250 | 192, 250 | 11, 851 | | | | | | | | | | | | | | |
| Dakota..... | 1 | 3 | 1 | 4 | 1 | 32 | 15 | 47 | 16 | 0 | 0 | 33, 000 | 800 | 160 | | | | | | | | | | | | | | |
| Nebraska..... | 1 | 4 | 4 | 8 | 2 | 63 | 51 | 114 | 33 | 0 | 14 | 32, 000 | 31, 000 | 54 | | | | | | | | | | | | | | |
| Kansas..... | 1 | 7 | 10 | 17 | 1 | 147 | 106 | 253 | 40 | 0 | 12 | 46, 000 | 71, 000 | 250 | | | | | | | | | | | | | | |
| Western Division..... | 6 | 20 | 9 | 29 | 7 | 176 | 123 | 299 | 81 | 18 | 8 | 91, 419 | 112, 111 | 1, 990 | | | | | | | | | | | | | | |
| Colorado..... | 1 | 5 | 3 | 8 | 1 | 33 | 29 | 62 | 15 | 0 | 3 | 25, 658 | 25, 658 | 500 | | | | | | | | | | | | | | |
| New Mexico..... | 1 | 1 | 1 | 1 | 1 | 5 | 3 | 8 | 8 | 0 | 0 | 1, 018 | 1, 018 | 40 | | | | | | | | | | | | | | |
| Utah..... | 1 | 1 | 2 | 3 | 1 | 20 | 15 | 35 | 6 | 0 | 0 | 5, 000 | 0 | 0 | | | | | | | | | | | | | | |
| Washington..... | 1 | 1 | 1 | 3 | 2 | 15 | 11 | 26 | 8 | 0 | 5 | 6, 000 | 30, 000 | 0 | | | | | | | | | | | | | | |
| Oregon..... | 1 | 1 | 1 | 2 | 1 | 15 | 15 | 30 | 7 | 0 | 0 | 7, 000 | 7, 200 | 0 | | | | | | | | | | | | | | |
| California..... | 1 | 9 | 3 | 12 | 2 | 88 | 50 | 138 | 45 | 18 | 0 | 46, 743 | 48, 235 | 1, 450 | | | | | | | | | | | | | | |

Statistics of institutions for the deaf for 1888-89. — Part I.

| Post-office address. | Name. | Year of first opening. | Instructors. | | Pupils. | | | | | |
|--------------------------------------|--------------------------------------------------------------|------------------------|--------------|---------|-------------------------------|-------|---------|---------------|---------------|----------------------|
| | | | Male. | Female. | Articulation and lip-reading. | Male. | Female. | Kindergarten. | Articulation. | Auralian perception. |
| 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Talladega, Ala. | Alabama Institution for the Deaf. | 1858 | 2 | 4 | 2 | 50 | 30 | --- | --- | --- |
| Little Rock, Ark. | Arkansas Deaf-Mute Institute | 1868 | 2 | 5 | 1 | 57 | 53 | --- | --- | --- |
| Berkeley, Cal. | Institution for the Deaf and Dumb and the Blind | 1860 | 9 | 3 | 2 | 88 | 50 | 18 | 45 | 34 |
| Colorado Springs, Colo. | Colorado Institution for the Deaf and the Blind. | 1874 | 5 | 3 | 1 | 33 | 29 | 0 | 15 | 3 |
| Hartford, Conn. | American Asylum for the Deaf and Dumb. | 1817 | 6 | 9 | 4 | 93 | 69 | --- | --- | --- |
| Hartford, Conn. | Whipple Home School for the Deaf | 1868 | 1 | 2 | 3 | 16 | 9 | --- | --- | --- |
| St. Louis, Mo. | Dakota School for Deaf-Mutes | 1880 | 3 | 1 | 2 | 32 | 15 | 16 | 25 | --- |
| Washington, D. C. | Columbia Institution for the Deaf and Dumb. | 1857 | 10 | 2 | 1 | 102 | 30 | 28 | 5 | 0 |
| St. Augustine, Fla. | Florida Institution for the Deaf and the Blind | 1846 | 3 | 2 | 1 | 12 | 5 | 6 | 11 | --- |
| St. Augustine, Fla. | Georgia Institution for the Deaf and Dumb * | 1846 | 4 | 2 | --- | 55 | 31 | 0 | --- | --- |
| Cave Spring, Ga. | Chicago Day Schools for the Deaf. | 1875 | 2 | 4 | 1 | 22 | 25 | 13 | --- | --- |
| Chicago, Ill. | Chicago School for the Deaf. | 1884 | 4 | 3 | 3 | 19 | 24 | 0 | 30 | --- |
| do | Telepheta School for the Deaf | 1884 | --- | --- | --- | --- | --- | --- | --- | --- |
| Englewood (6027 Wabash avenue), Ill. | Chicago Voice and Hearing School for the Deaf. | 1883 | 1 | 5 | --- | 12 | 9 | 10 | 20 | 9 |
| Jacksonville, Ill. | Illinois Institute for the Education of the Deaf and Dumb. | 1846 | 15 | 20 | 4 | 296 | 212 | --- | 150 | 50 |
| Evansville, Ind. | Evansville School for the Deaf | 1886 | 1 | 1 | --- | 18 | 7 | --- | --- | --- |
| Indianapolis, Ind. | Indiana Institution for the Education of the Deaf and Dumb. | 1844 | 9 | 10 | 2 | 189 | 159 | 0 | 80 | 0 |
| Council Bluffs, Iowa. | Iowa Institution for the Deaf and Dumb. | 1859 | 8 | 10 | 1 | 185 | 124 | --- | 44 | --- |
| Des Moines, Iowa. | Eastern Iowa School for the Deaf | 1888 | 1 | 0 | 1 | 6 | 10 | --- | 0 | --- |
| Olathe, Kans. | Kansas Institution for the Education of the Deaf and Dumb. | 1861 | 7 | 10 | 1 | 147 | 106 | --- | 40 | 12 |
| Danville, Ky. | Kentucky Institution for the Education of the Deaf and Dumb. | 1823 | 9 | 5 | 1 | 100 | 69 | --- | 14 | --- |
| Baton Rouge, La. | Louisiana Institution for the Deaf and Dumb and the Blind. | 1852 | 2 | 2 | 1 | 30 | 29 | --- | 10 | 11 |
| New Orleans, La. | New Orleans Public School for Deaf-Mutes. | 1836 | 1 | 0 | 0 | 8 | 1 | 0 | 0 | 0 |
| Portland, Me. | Portland School for the Deaf. | 1876 | --- | 7 | 7 | 32 | 23 | --- | 55 | --- |
| Baltimore (649 Saratoga street), Md. | Maryland School for the Colored Blind and Deaf-Mutes. | 1872 | 1 | 1 | --- | 14 | 8 | 0 | 12 | --- |
| Baltimore, Md. | Mr. Knapp's Institute * | 1878 | 1 | 3 | 4 | 19 | 9 | --- | --- | --- |
| Frederick, Md. | Maryland School for the Deaf and Dumb. | 1868 | 3 | 7 | 2 | 52 | 46 | --- | 65 | 5 |
| Beverly, Mass. | New England Industrial School for Deaf-Mutes. | 1879 | 0 | 3 | 1 | 16 | 8 | --- | 14 | --- |
| Boston, Mass. | Horace Mann School for the Deaf | 1869 | 0 | 8 | 8 | 38 | 50 | --- | 87 | 0 |
| Northampton, Mass. | Clarke Institute for Deaf-Mutes. | 1867 | 0 | 13 | 13 | 48 | 57 | --- | 105 | --- |

| | | | | | | | | | | | | |
|----|--------------------------------------------------------------------------|---------------------------------------------------------------------------------|------|--------------------------|----|----|----|-----|-----|----|-----|----|
| 30 | West Medford, Mass | Sarah Fuller Home for Little Children who can not hear. | 1898 | Miss Eliza L. Clark. | 0 | 3 | 3 | 13 | 5 | 18 | 0 | |
| 31 | Flint, Mich | Michigan School for the Deaf | 1851 | M. T. Cass | 7 | 12 | 2 | 109 | 133 | 0 | 50 | 0 |
| 32 | Norris, Mich | Evangelical Lutheran Deaf and Dumb Institution | 1874 | D. H. Uhlig | 3 | 0 | | 22 | 18 | 0 | 40 | 0 |
| 33 | Faribault, Minn. | Minnesota School for the Deaf | 1863 | J. L. Noyes, D. H. L. | 6 | 4 | 2 | 102 | 79 | 30 | 80 | 0 |
| 34 | St. Paul, Minn | Institute for Deaf-Mutes | 1886 | Miss Nardin | 2 | 2 | 2 | 21 | 16 | | 37 | |
| 35 | Jackson, Miss | Institution for the Education of the Deaf | 1854 | J. R. Dobyns, A. A. | 5 | 3 | 1 | 46 | 39 | | 30 | 5 |
| 36 | Fulton, Mo | Institution for the Education of the Deaf and Dumb | 1851 | J. N. Tate, A. M. | 6 | 6 | 2 | 162 | 120 | 0 | 40 | 20 |
| 37 | Hannibal, Mo. | St. Joseph's Deaf-Mute Institute | 1881 | Sisters of St. Joseph | | | | | | | | |
| 38 | St. Louis, Mo | Maria Consilia Institute for the Deaf | 1885 | Sister Mary Adelo | | | | | | | | |
| 39 | do | St. Louis Day School for the Deaf | 1878 | R. P. McGregor | 1 | 1 | 2 | 12 | 24 | 0 | 10 | 0 |
| 40 | Omaha, Nebr | Nebraska Institute for the Deaf and Dumb | 1878 | R. P. McGregor | 1 | 1 | 2 | 27 | 14 | | | |
| 41 | Trenton, N. J | New Jersey School for Deaf-Mutes | 1863 | John A. Gillespie, A. M. | 4 | 4 | 2 | 63 | 51 | 0 | 33 | 14 |
| 42 | Santa Fe, N. Mex | School for the Deaf and Dumb at Santa Fe, N. Mex | 1885 | Weston Jenkins | 1 | 6 | 2 | 56 | 54 | | | |
| 43 | Albany, N. Y. | Albany Home School for the Deaf | 1889 | Lars M. Larson, B. A. | | | | 5 | 3 | | | |
| 44 | Buffalo, N. Y. | LeConte's St. Mary's Institution for the Improved Instruction of Deaf-Mutes. | 1861 | Miss Anna M. Black | 0 | 1 | 1 | 2 | 1 | | 1 | |
| 45 | Fortham, N. Y. | St. Joseph Institute for Improved Instruction of Deaf-Mutes. | 1869 | Sister Mary Anne Burke | 3 | 16 | 10 | 89 | 75 | 22 | 150 | 9 |
| 46 | Malone, N. Y. | Madame Ernestine Nardin | 1869 | | 1 | 19 | 17 | 133 | 163 | | 247 | 52 |
| 47 | New York (Lexington ave- nue between 67th and 68th streets), N. Y. | Northern New York Institution for Deaf-Mutes | 1884 | Henry C. Rider | 4 | 1 | 1 | 48 | 26 | | 15 | |
| 48 | New York (Washington Heights), N. Y. | Institution for the Improved Instruction of Deaf-Mutes. | 1867 | D. Greenberger | 4 | 11 | 15 | 110 | 89 | 60 | 139 | |
| 49 | New York (618 Lexington avenue), N. Y. | New York Institution for the Instruction of the Deaf and Dumb. | 1818 | Chauncey N. Brainard | 8 | 9 | 7 | 249 | 128 | 25 | 0 | 44 |
| 50 | Rochester, N. Y. | Miss Keeler's Articulation Class for Deaf-Mutes. | 1885 | Sarah Warren Keeler | 1 | 1 | 2 | 8 | 3 | 6 | 11 | 2 |
| 51 | Rome, N. Y. | Western New York Institution for Deaf-Mutes | 1886 | Zenas F. Westervelt | 6 | 13 | 5 | 98 | 78 | 67 | 176 | 22 |
| 52 | Raleigh, N. C | Central New York Institution for Deaf-Mutes | 1875 | E. B. Nelson | 7 | 4 | 1 | 94 | 66 | | 20 | |
| 53 | Cincinnati, Ohio | North Carolina Institution for the Deaf and Dumb and the Blind | 1845 | W. J. Young | 5 | 2 | 1 | 84 | 80 | | 10 | |
| 54 | do | Catholic School for the Deaf | 1887 | E. P. Cleary | 1 | 1 | 0 | 10 | 10 | | 0 | 0 |
| 55 | Cincinnati (N. 9th street), Ohio. | Day School for Deaf Mutes | 1875 | Carrie Feschenbeck | 1 | 1 | 0 | 7 | 8 | | 0 | 0 |
| 56 | Cincinnati, Ohio | Oral School for the Deaf | 1886 | Virginia A. Osborn | 2 | 2 | 2 | 7 | 13 | | 20 | 6 |
| 57 | Columbus, Ohio. | Springer Institute | 1888 | John M. Mackey | 1 | | | 10 | 10 | | | |
| 58 | Salem, Oregon | Ohio Institution for the Education of the Deaf and Dumb. | 1829 | Amasa Pratt, A. M. | 13 | 12 | 2 | 220 | 200 | | 105 | |
| 59 | Philadelphia, Pa. | Oregon School for Deaf-Mutes | 1870 | P. S. Knight | 1 | 1 | 1 | 15 | 15 | | 7 | |
| 60 | Scranton, Pa. | Pennsylvania Institution for the Deaf and Dumb. | 1851 | A. L. E. Grenter, A. M. | 9 | 27 | 13 | 239 | 197 | 0 | 120 | |
| 61 | Wilkesburg, Pa. | Pennsylvania Oral School for the Deaf | 1884 | Emma Garrett | 3 | 3 | 3 | 19 | 15 | | 34 | 4 |
| 62 | Providence, R. I. | Western Pennsylvania Institution for the Instruc- tion of the Deaf and Dumb. | 1876 | Wm. N. Bart | 4 | 6 | 1 | 116 | 81 | 0 | 27 | 0 |
| 63 | Cedar Springs, S. C | Rhode Island State School for the Deaf | 1877 | Anna M. Black | | 6 | 5 | 15 | 21 | | 34 | |
| 64 | Knoxville, Tenn | South Carolina Institution for the Education of the Deaf and Dumb and Blind. | 1819 | N. F. Walker | 2 | 3 | 2 | 42 | 38 | | 17 | |
| 65 | Austin, Tex | Tennessee School for Deaf and Dumb * | 1845 | Thomas L. Moses | 4 | 3 | 1 | 87 | 64 | | 13 | |
| | | Institute for the Deaf and Dumb and Blind Colored | 1887 | W. H. Holland | | 2 | | 22 | 7 | | | |

From American Annals of the Deaf, 1889.

*Statistics of 1887-88.

Statistics of institutions for the deaf for 1888-89.—Part I.—Continued.

| | Post-office address. | Name. | Year of first opening. | Superintendent or principal. | Instructors. | | | Pupils. | | | | Articulation. | Articulation. | Articulation. |
|----|----------------------|-------------------------------------------------------------------------------|------------------------|------------------------------|--------------|---------|-------------------------------|---------|---------|---------------|---------------|---------------|---------------|---------------|
| | | | | | Male. | Female. | Articulation and lip-reading. | Male. | Female. | Kindergarten. | Articulation. | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 66 | Austin, Tex. | Texas Deaf and Dumb Asylum. | 1857 | W. A. Kendall | 7 | 5 | 1 | 97 | 65 | ..... | 38 | ..... | ..... | ..... |
| 67 | Salt Lake City, Utah | Utah Deaf-Mute Institution. | 1884 | Frank W. McTealf | 2 | 1 | 1 | 20 | 15 | ..... | 6 | ..... | ..... | ..... |
| 68 | Staunton, Va. | Virginia Institution for the Education of the Deaf and Dumb and of the Blind. | 1839 | Thomas S. Doyle | 7 | 3 | 1 | 43 | 47 | ..... | 23 | ..... | ..... | ..... |
| 69 | Vancouver, Wash. | Washington School for Defective Youth. | 1886 | James Watson | 2 | 1 | 2 | 15 | 11 | ..... | 8 | ..... | 5 | ..... |
| 70 | Romney, W. Va. | West Virginia School for the Deaf and the Blind. | 1870 | C. H. Hill | 3 | 2 | 1 | 31 | 22 | ..... | 26 | ..... | ..... | ..... |
| 71 | Delavan, Wis. | Wisconsin School for the Deaf. | 1852 | John W. Swiler | 9 | 9 | 2 | 169 | 90 | 32 | 45 | ..... | ..... | ..... |
| 72 | La Crosse, Wis. | Oral Department of Public Schools. | 1887 | Viola Taylor | ..... | ..... | 1 | 7 | 1 | ..... | 8 | ..... | ..... | ..... |
| 73 | Milwaukee, Wis. | Milwaukee Day School for the Deaf. | 1883 | Paul Binner | 1 | 6 | 7 | 28 | 13 | ..... | 41 | ..... | 7 | ..... |
| 74 | St. Francis, Wis. | St. John's Catholic Deaf-Mute Institute | 1876 | Rev. M. M. Gerend | 2 | 1 | 2 | 16 | 11 | 0 | 13 | ..... | 4 | ..... |

Statistics of institutions for the deaf for 1888-89—Part II.

| Name. | Gradi- ates in 1888-89. | Volumes in Library. | Receipts. | | | Expenditures. | | |
|-------------------------------------------------------------------|-------------------------------|---------------------------|---------------------|-------------------------|-------------------|--------------------|-----------|--------------------|
| | | | Appropria- tion. | For bene- ficiaries. | Other sources. | Buildings, etc. | Salaries. | Other purposes. |
| 2 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 1 Alabama Institution for the Deaf | | 600 | \$17,900 | | | \$15,000 | \$6,000 | |
| 2 Arkansas Deaf-Mute Institute. | 2 | 472 | 8,980 | \$13,625 | \$720 | 325 | 9,220 | \$9,825 |
| 3 Institution for the Deaf and Dumb and the Blind | 10 | 1,450 | 45,750 | | 6953 | | 225,367 | 222,868 |
| 4 Colorado Institution for Deaf and the Blind. | 3 | 500 | 25,638 | | | 21,476 | 29,279 | 214,903 |
| 5 American Asylum for the Deaf and Dumb | 11 | 2,000 | | | | | | |
| 6 Whipple Home School for the Deaf | | | 4,375 | | | | | |
| 7 Dakota School for Deaf-Mutes. | 1 | 160 | 33,000 | | | 800 | | |
| 8 Columbia Institution for the Deaf and Dumb | 11 | 3,500 | 55,000 | | 7,437 | 3,904 | 31,550 | 26,447 |
| 9 Florida Institute for the Deaf and the Blind. | | 1,200 | 25,000 | | | 4,500 | (25,000) | |
| 10 Georgia Institution for the Deaf and Dumb* | | | 19,500 | | | | 6,825 | 8,765 |
| 11 Chicago Day School for the Deaf | | 100 | | | | | (4,054) | |
| 12 Epiphania School for the Deaf | 0 | 160 | | | | | | |
| 13 Chicago Voice and Hearing School for the Deaf | 7 | 10,200 | 105,000 | | 9,000 | 4,070 | 40,000 | 65,000 |
| 14 Illinois Institution for the Education of the Deaf and Dumb | 3 | 3,768 | 108,000 | | | 9,903 | 1,600 | 20,200 |
| 15 Evansville School for the Deaf | 6 | 610 | 25,300 | | | 18,000 | 28,491 | 29,507 |
| 16 Indiana Institution for the Education of the Deaf and Dumb | | | | | | | | |
| 17 Iowa Institution for the Deaf and Dumb | | | | | | | | |
| 18 Eastern Iowa School for the Deaf | 7 | 250 | 46,000 | | | 25,000 | (46,000) | |
| 19 Kansas Institution for the Education of the Deaf and Dumb | 3 | 1,650 | 36,437 | | | 5,535 | 10,760 | 22,637 |
| 20 Kentucky Institution for the Education of the Deaf and Dumb. | 1 | 150 | 9,000 | | 0 | 4,500 | 4,500 | 4,500 |
| 21 Louisiana Institution for the Deaf and the Dumb and the Blind. | | 0 | | | | 0 | 675 | |
| 22 New Orleans School for the Deaf | | | 1,000 | 4,400 | | | | |
| 23 Portland School for the Deaf | | | 27,000 | 21,520 | | | 23,593 | 22,917 |
| 24 Maryland School for the Colored Blind and Deaf-Mutes* | | | | | | | | |
| 25 Mr. Knapp's Institute* | | | 25,000 | 2,000 | | | 7,098 | 17,398 |
| 26 Maryland School for the Deaf and Dumb | 5 | 2,200 | | | | | | |
| 27 New England Industrial School for Deaf-Mutes | 0 | 433 | | | | | | |
| 28 Horace Mann School for the Deaf | 4 | 1,400 | | 14,253 | 21,716 | 4,183 | 12,617 | 18,271 |
| 29 Clarke Institution for Deaf-Mutes | | | 57,000 | 0 | | | 20,451 | 30,549 |
| 30 Sarah Fuller Home for Little Children who can not Hear | 24 | | | | | | 2,000 | 1,320 |
| 31 Michigan School for the Deaf | 7 | 350 | 34,000 | 1,200 | 5,300 | 400 | 18,000 | 15,000 |
| 32 Evangelical Lutheran Deaf and Dumb Institution | 9 | 1,300 | | | | 1,000 | | |
| 33 Minnesota School for the Deaf | | | | | | | | |
| 34 Institute for Deaf-Mutes | | | | | | | | |
| 35 Institution for the Education of the Deaf | | 500 | 67,250 | | | 500 | 6,252 | 5,223 |
| 36 Institution for the Education of the Deaf and Dumb. | | 11,751 | | | | 74,000 | 12,250 | 93,000 |
| 37 St. Joseph's Deaf-Mute Institute | | | | | | | | |
| 38 Maria Consilia Institute for the Deaf | | | | | | | | |
| 39 St. Louis Day School for the Deaf | 0 | 100 | 0 | 0 | | 20,000 | | |

*Statistics of 1887-88.

a Includes department for the blind.

b From American Annals of the Deaf, 1889.

Statistics of institutions for the deaf for 1888-89—Part II—Continued.

| Name. | Graduates in 1888-89. | Volumes in library. | Receipts. | | | Expenditures. | | |
|--------------------------------------------------------------------------------------|-----------------------|---------------------|----------------|--------------------|----------------|-----------------|-----------|-----------------|
| | | | Appropriation. | For beneficiaries. | Other sources. | Buildings, etc. | Salaries. | Other purposes. |
| 2 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| Nebraska Institution for the Deaf and Dumb..... | 3 | 543 | \$32,000 | | | | \$15,000 | \$16,000 |
| New Jersey School for Deaf-Mutes..... | | 40 | 33,440 | | | | (33,440) | 498 |
| School for the Deaf and Dumb at Santa Fé, N. Mex..... | | | 612 | | \$400 | | 520 | |
| Albany Home School for the Deaf..... | | | | | | | | |
| Le Contreux St. Mary's Institution for the Improved Instruction of Deaf-Mutes..... | 23 | 650 | 18,655 | \$7,341 | 3,507 | | 12,574 | 16,786 |
| St. Joseph's Institute for the Improved Instruction of Deaf-Mutes..... | | 650 | 66,561 | | 52,530 | \$47,957 | 19,338 | 51,036 |
| Northern New York Institution for Deaf-Mutes..... | | | | | | 14,200 | 6,200 | 14,927 |
| Institution for the Improved Instruction of Deaf-Mutes..... | 30 | 800 | (35,127) | 2,202 | 2,179 | 2,179 | 22,431 | 27,622 |
| New York Institution for the Instruction of the Deaf and Dumb*..... | | | (94,564) | 591 | 9,943 | 9,943 | 34,877 | 58,715 |
| Miss Keeler's Articulation Class for Deaf-Mutes..... | 0 | 40 | | | | | | |
| Western New York Institution for Deaf-Mutes..... | 11 | 12,000 | 44,760 | 1,757 | 20,528 | 20,528 | 15,351 | 27,847 |
| Central New York Institution for Deaf-Mutes..... | | | 41,235 | 11,846 | 9,151 | 21,623 | 20,975 | 19,975 |
| North Carolina Institution for the Deaf and Dumb and the Blind..... | 21,500 | | 637,000 | | | | 4,450 | |
| Cathedral School for the Deaf..... | | | | | | | | |
| Day School for Deaf-Mutes..... | | | | | 48 | | 1,900 | |
| Oral School for the Deaf..... | 0 | | 1,430 | | 100 | | 1,500 | 30 |
| Springer Institute..... | | | | | | | | |
| Ohio Institution for the Education of the Deaf and Dumb..... | 12 | 2,100 | | 0 | | 4,000 | 21,000 | 55,000 |
| Oregon School for Deaf-Mutes..... | | | 7,000 | | | | 3,200 | 4,000 |
| Pennsylvania Institution for the Deaf and Dumb..... | 42 | 6,250 | 96,000 | | 19,000 | 5,427 | 40,005 | 56,472 |
| Pennsylvania Oral School for the Deaf..... | | | | | | | | |
| Western Pennsylvania Institution for the Instruction of the Deaf and Dumb..... | 12 | 425 | 50,050 | | 28,717 | 988 | 16,495 | 16,658 |
| Rhode Island State School for the Deaf..... | 350 | | 4,000 | | | | 2,980 | 887 |
| South Carolina Institution for the Education of the Deaf and Dumb and the Blind..... | 2 | 600 | | | | | | |
| Tennessee School for the Deaf and Dumb*..... | | | 24,000 | | | | | |
| Institute for the Deaf and Dumb and Blind Colored Youth..... | | | | | | 560 | (23,500) | |
| Texas Deaf and Dumb Asylum..... | 5 | 750 | | | | | | |
| Utah Deaf-Mute Institution..... | | | 5,000 | | | 18,000 | 13,392 | 17,155 |
| Virginia Institution for the Education of the Deaf and Dumb and of the Blind..... | 5 | | 635,000 | | 6650 | | (635,000) | |
| Washington School for Defective Youth..... | | | | 6,000 | | 30,000 | | |
| West Virginia School for the Deaf and the Blind..... | 9 | 757 | 625,000 | | | | 11,620 | 12,699 |
| Wisconsin School for the Deaf..... | 4 | 1,500 | 40,000 | | 0 | 12,000 | 13,005 | 550 |
| Oral Department of Public Schools..... | | | 650 | | | | | 100 |
| Milwaukee Day School for the Deaf..... | | | | 3,700 | | 5,000 | 3,970 | |
| St. John's Catholic Deaf-Mute Institute..... | 3 | 65 | | | | | | |

* Statistics of 1887-88.

a Includes department for the blind.

Summary of statistics of institutions for the blind for 1888-89.

| State. | Instructors. | | | Pupils. | | | | | | | Receipts. | Expenditures. | Number of volumes in library. | | | |
|------------------------------|--------------|----------|----------|----------|----------|----------|------------|------------------------|-----------------------------|------------|-----------|---------------|-------------------------------|-----------------------|--------------------------|-----------|
| | Male. | Female. | Total. | Music. | Male. | Female. | Total. | In vocal cul- ture. | In instrumen- tal music. | In tuning. | | | | In kinder- garten. | Graduates in 1888-89. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| United States..... | 33 | 146 | 202 | 348 | 103 | 1,564 | 1,330 | 3,134 | 1,399 | 1,693 | 233 | 330 | 107 | \$890,571 | \$727,760 | 49,452 |
| North Atlantic Division..... | 4 | 37 | 59 | 96 | 38 | { 313 | { (240) | { 816 | 366 | 509 | 106 | 139 | 47 | 339,190 | 238,967 | 19,040 |
| Massachusetts..... | 1 | 13 | 17 | 30 | 14 | 122 | 98 | 220 | 88 | 86 | 18 | 33 | 11 | 82,894 | 63,781 | 9,420 |
| New York..... | 2 | 11 | 27 | 38 | 14 | { 67 | { (240) | { 366 | 140 | 215 | 60 | 56 | 4 | 131,718 | 122,279 | 5,120 |
| Pennsylvania..... | 1 | 13 | 15 | 28 | 10 | 124 | 106 | 230 | 138 | 208 | 28 | 50 | 32 | 124,578 | 52,907 | 4,500 |
| South Atlantic Division..... | 8 | 27 | 23 | 50 | 15 | 234 | 179 | 413 | 148 | 168 | 27 | 11 | 7 | 47,271 | 41,466 | 4,589 |
| Maryland..... | 2 | 7 | 6 | 13 | 4 | 56 | 50 | 106 | 62 | 53 | 13 | 9 | 3 | 31,740 | 26,336 | 1,432 |
| Virginia..... | 1 | 4 | 2 | 6 | 3 | 28 | 23 | 51 | 31 | 39 | 3 | 0 | 0 | ..... | ..... | 200 |
| West Virginia..... | 1 | 2 | 2 | 4 | 2 | 12 | 12 | 34 | 34 | 22 | 0 | 0 | 2 | ..... | ..... | 857 |
| North Carolina..... | 1 | 4 | 6 | 10 | 5 | 57 | 47 | 104 | 5 | 40 | 7 | 0 | 2 | ..... | ..... | 2,000 |
| South Carolina..... | 1 | 2 | 1 | 3 | 1 | 14 | 8 | 22 | 16 | 14 | 4 | 0 | 0 | ..... | ..... | ..... |
| Georgia..... | 1 | 7 | 5 | 12 | 0 | 55 | 34 | 89 | 7 | 0 | 0 | 2 | 0 | 15,531 | 15,130 | ..... |
| Florida..... | 1 | 1 | 1 | 2 | ..... | 2 | 5 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| South Central Division..... | 8 | 23 | 36 | 59 | 17 | 313 | 272 | 585 | 341 | 307 | 35 | 66 | 24 | 169,218 | 115,361 | 8,785 |
| Kentucky..... | 1 | 4 | 7 | 11 | 4 | 54 | 40 | 94 | 94 | 60 | 7 | 25 | 13 | 25,370 | 23,884 | 2,300 |
| Tennessee..... | 1 | 2 | 6 | 8 | 1 | 46 | 43 | 89 | 86 | 80 | 7 | 15 | 6 | 18,000 | ..... | 2,500 |
| Alabama..... | 1 | 1 | 2 | 3 | 2 | 30 | 20 | 50 | 50 | 30 | 2 | 0 | ..... | 12,000 | 15,200 | 700 |
| Mississippi..... | 1 | 1 | 2 | 3 | 1 | 20 | 12 | 32 | 21 | 18 | 0 | 0 | ..... | 3,400 | 3,600 | 715 |
| Louisiana..... | 1 | 2 | 3 | 5 | 1 | 11 | 7 | 18 | 8 | 14 | 0 | 0 | ..... | ..... | ..... | 550 |
| Texas..... | 2 | 6 | 10 | 16 | 4 | 88 | 70 | 158 | 32 | 75 | 9 | 26 | 5 | 90,410 | 39,800 | 1,420 |
| Arkansas..... | 1 | 4 | 6 | 10 | 4 | 64 | 80 | 144 | 50 | 30 | 10 | 0 | 0 | 20,038 | 32,877 | 600 |
| North Central Division..... | 10 | 55 | 79 | 134 | 30 | 670 | 584 | 1,254 | 496 | 675 | 65 | 114 | 29 | 330,892 | 327,966 | 15,918 |
| Ohio..... | 1 | 8 | 13 | 21 | 9 | 170 | 129 | 299 | 21 | 195 | 34 | 40 | 9 | 56,000 | 56,998 | 4,000 |
| Indiana..... | 1 | 13 | 18 | 31 | ..... | 77 | 67 | 144 | ..... | ..... | ..... | ..... | ..... | 29,432 | 24,015 | ..... |

Summary of statistics of institutions for the blind for 1888-89—Continued.

| State. | Number of institu- tions. | Instructors. | | | Pupils. | | | | | | | | Receipts. | Expenditures. | Number of volumes in library. | |
|-----------------------------------|------------------------------|--------------|---------|--------|---------|-------|---------|--------|------------------------|-----------------------------|------------|-----------------------|-----------|---------------|----------------------------------|--------------------------|
| | | Male. | Female. | Total. | Music. | Male. | Female. | Total. | In vocal cul- ture. | In instrumen- tal music. | In tuning. | In kinder- garten. | | | | Graduates in 1888-89. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| North Central Division—Continued. | | | | | | | | | | | | | | | | |
| Illinois | 1 | 6 | 9 | 15 | 5 | 91 | 74 | 165 | 30 | 100 | 7 | 0 | 4 | \$12,605 | \$43,034 | 1,911 |
| Michigan | 1 | 3 | 6 | 9 | 3 | 60 | 43 | 103 | 103 | 40 | 0 | 22 | 0 | 31,041 | 22,485 | 1,562 |
| Wisconsin | 1 | 3 | 8 | 17 | 2 | 50 | 40 | 90 | 75 | 63 | 2 | 14 | 0 | 23,600 | 19,800 | 2,340 |
| Minnesota | 1 | 3 | 5 | 8 | 3 | 31 | 26 | 57 | 12 | 0 | 0 | 0 | 3 | 12,996 | 12,996 | 0 |
| Iowa | 1 | 4 | 7 | 11 | 3 | 84 | 93 | 177 | 141 | 120 | 7 | 15 | 8 | 32,111 | 29,334 | 2,700 |
| Missouri | 1 | 5 | 4 | 9 | 3 | 40 | 47 | 87 | 25 | 64 | 12 | 23 | 5 | 27,790 | 26,320 | 1,780 |
| Nebraska | 1 | 4 | 2 | 6 | ..... | 15 | 30 | 45 | 35 | 30 | 0 | 0 | 0 | 57,150 | 57,150 | 725 |
| Kansas | 1 | 0 | 7 | 7 | 2 | 52 | 35 | 87 | 54 | 54 | 3 | 0 | ..... | 18,167 | 35,834 | 900 |
| Western Division | 3 | 4 | 5 | 9 | 3 | 34 | 32 | 66 | 48 | 39 | 0 | 0 | 0 | 4,000 | 4,000 | 1,120 |
| Colorado | 1 | 2 | 2 | 4 | 1 | 15 | 13 | 28 | 28 | 14 | 0 | 0 | ..... | ..... | ..... | 700 |
| Oregon | 1 | 0 | 2 | 2 | 2 | 4 | 3 | 7 | 0 | 5 | 0 | 0 | 0 | 4,000 | 4,000 | 150 |
| California | 1 | 2 | 1 | 3 | 1 | 15 | 16 | 31 | 20 | 20 | 0 | 0 | ..... | ..... | ..... | 270 |

Statistics of institutions for the blind for 1888-89—Part I.

| Post-office address. | Name. | Year of first opening. | Instructors. | | Pupils. | | | | | | | |
|-----------------------------------------|---------------------------------------------------------------------|------------------------|----------------------------------|---------|---------|-------|---------|------------------|-------------------|------------------------|------------|-------|
| | | | Male. | Female. | Music. | Male. | Female. | In kindergarten. | In vocal culture. | In instrumental music. | In tuning. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1 Talladega, Ala..... | Alabama Academy for the Blind..... | 1888 | J. H. Johnson, M. D..... | 4 | 2 | 2 | 30 | 20 | 0 | 50 | 30 | 2 |
| 2 Little Rock, Ark..... | Arkansas School for the Blind..... | 1889 | John H. Dye, D. D..... | 4 | 6 | 4 | 64 | 80 | 0 | 50 | 30 | 10 |
| 3 Berkeley, Cal..... | Institution for the Deaf and Dumb and Blind *..... | 1860 | W. Wilkinson..... | 2 | 1 | 1 | 15 | 16 | 0 | 20 | 20 | 0 |
| 4 Colorado Springs, Colo..... | Colorado Institution for the Deaf and the Blind..... | 1883 | John E. Kay..... | 2 | 2 | 1 | 15 | 13 | 0 | 28 | 14 | 0 |
| 5 St. Augustine, Fla..... | Florida Institute for the Deaf and the Blind..... | 1885 | Park Carroll..... | 1 | 1 | 2 | 5 | 5 | 2 | 0 | 0 | 0 |
| 6 Macon, Ga..... | Georgia Academy for the Blind a..... | 1852 | W. D. Williams a..... | 7 | 5 | 5 | 55 | 34 | 0 | 0 | 0 | 0 |
| 7 Jacksonville, Ill..... | Illinois Institution for the Education of the Blind..... | 1849 | William S. Phillips..... | 6 | 9 | 5 | 91 | 74 | 0 | 30 | 100 | 7 |
| 8 Indianapolis, Ind..... | Indiana Institution for the Education of the Blind..... | 1847 | H. B. Jacobs..... | 13 | 18 | ..... | 677 | 667 | ..... | ..... | ..... | ..... |
| 9 Vinton, Iowa..... | Iowa College for the Blind..... | 1852 | T. F. McCune..... | 4 | 7 | 3 | 84 | 93 | 15 | 141 | 120 | 7 |
| 10 Wyandotte, Kans..... | Kansas Institution for the Education of the Blind.*..... | 1867 | G. H. Miller..... | 0 | 7 | 2 | 52 | 35 | 0 | 54 | 54 | 3 |
| 11 Louisville, Ky..... | Kentucky Institution for the Education of the Blind..... | 1842 | Benjamin B. Hinton, A. M..... | 4 | 7 | 4 | 54 | 40 | 25 | 94 | 60 | 7 |
| 12 Baton Rouge, La..... | Institution for the Deaf and Dumb and Blind .. | 1871 | Mrs. Mary S. Lane..... | 2 | 3 | 1 | 11 | 7 | 0 | 8 | 14 | ..... |
| 13 Baltimore, Md..... | Maryland School for the Blind..... | 1853 | Frederick D. Morrison..... | 5 | 6 | 3 | 45 | 41 | 9 | 47 | 43 | 13 |
| 14 do..... | Maryland School for the Colored Blind and Deaf-Mutes.*..... | 1872 | do..... | 2 | ..... | 1 | 11 | 9 | 0 | 15 | 10 | ..... |
| 15 Boston, Mass..... | Perkins Institution and Massachusetts School for the Blind..... | 1832 | M. Anagnos..... | 13 | 17 | 14 | 122 | 98 | 33 | 68 | 86 | 18 |
| 16 Lansing, Mich..... | Michigan School for the Blind..... | 1881 | Geo. Barnes..... | 3 | 6 | 3 | 60 | 43 | 22 | 103 | 49 | ..... |
| 17 Faribault, Minn..... | Minnesota School for the Blind..... | 1866 | James J. Dow, A. M..... | 3 | 5 | 3 | 31 | 26 | 12 | ..... | ..... | ..... |
| 18 Jackson, Miss..... | Institution for the Instruction of the Blind..... | 1852 | M. M. Langley..... | 1 | 2 | 1 | 20 | 12 | 21 | 18 | ..... | ..... |
| 19 St. Louis (1827 Morgan st.), Mo..... | Missouri School for the Blind..... | 1851 | John T. Sibley, A. M., M. D..... | 5 | 4 | 3 | 40 | 47 | 23 | 25 | 64 | 12 |
| 20 Nebraska City, Nebr..... | Nebraska Institute for the Blind..... | 1875 | J. B. Parmelee..... | 1 | 4 | 2 | 15 | 30 | ..... | 35 | 30 | 0 |
| 21 Batavia, N. Y..... | New York State Institution for the Blind..... | 1868 | Arthur G. Clement, A. M..... | 6 | 10 | 6 | 67 | 59 | 16 | ..... | 90 | 10 |
| 22 New York, N. Y..... | New York Institution for the Blind..... | 1831 | Wm. B. Wait..... | 5 | 17 | 8 | (240) | 40 | 40 | 140 | 125 | 50 |
| 23 Raleigh, N. C..... | North Carolina Institution for the Deaf and Dumb and the Blind..... | 1845 | W. J. Young..... | 4 | 6 | 5 | 57 | 47 | ..... | 5 | 40 | 7 |
| 24 Columbus, Ohio..... | Ohio Institution for the Education of the Blind..... | 1835 | C. H. Miller..... | 8 | 13 | 9 | 170 | 129 | 40 | 21 | 195 | 34 |

From Annual Report.

a From Annual Report, 1887-88.

* Statistics of 1887-88.

Statistics of institutions for the blind for 1888-89—Part I—Continued.

| Post-office address. | Name. | Year of first opening | Superintendent or principal. | Instructors. | | | Pupils. | | | | | |
|-----------------------------|--------------------------------------------------------------------------------------|-----------------------|------------------------------------|--------------|---------|--------|---------|---------|------------------|-------------------|------------------------|------------|
| | | | | Male. | Female. | Music. | Male. | Female. | In kindergarten. | In vocal culture. | In instrumental music. | In tuning. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 25 Salem, Oregon..... | Oregon Institute for the Blind..... | 1873 | D. B. Gray..... | ..... | 2 | 1 | 4 | 3 | ..... | ..... | 5 | ..... |
| 26 Philadelphia, Pa..... | Pennsylvania Institution for the Instruction of the Blind..... | 1833 | Frank Batties..... | 13 | 15 | 10 | 124 | 106 | 50 | 138 | 208 | 28 |
| 27 Cedar Springs, S. C..... | South Carolina Institution for the Education of the Deaf and Dumb and the Blind..... | 1849 | N. F. Walker..... | 2 | 1 | 1 | 14 | 8 | ..... | 16 | 14 | 4 |
| 28 Nashville, Tenn..... | Tennessee School for the Blind..... | 1844 | Sammel Albert Link..... | 2 | 6 | 1 | 46 | 43 | 15 | 86 | 80 | 7 |
| 29 Austin, Tex..... | Texas Institution for the Blind..... | 1856 | Frank Rainey, M. D..... | 5 | 9 | 4 | 78 | 60 | 26 | 12 | 69 | 9 |
| 30 .....do..... | Institution for the Deaf and Dumb and Blind Colored Youth..... | 1887 | W. H. Holland..... | 1 | 1 | ..... | 10 | 10 | ..... | 20 | 6 | ..... |
| 31 Staunton, Va..... | Virginia Institution for the Education of the Deaf and Dumb and the Blind..... | 1835 | Thomas S. Doyle..... | 4 | 2 | 3 | 28 | 23 | 0 | 31 | 39 | 3 |
| 32 Romney, W. Va..... | West Virginia School for the Deaf and Blind..... | 1870 | C. H. Hill..... | 2 | 2 | 2 | 22 | 12 | 0 | 34 | 22 | ..... |
| 33 Janesville, Wis..... | Wisconsin School for the Blind..... | 1850 | Mrs. Sarah F. C. Little, M. A..... | 9 | 8 | 2 | 50 | 40 | 14 | 75 | 63 | 2 |
| 34 Cheyenne, Wyo..... | School for Deaf and Blind ^a..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

^a Not yet organized; no funds.

| | Name. | Graduates in 1888-89. | Volumes in library. | Receipts. | | | Expenditures. | | |
|----|----------------------------------------------------------------------------------|-----------------------|---------------------|-----------------|--------------------|----------------|----------------|-----------|-----------------|
| | | | | Appropriations. | For beneficiaries. | Other sources. | Building, etc. | Salaries. | Other purposes. |
| | 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 1 | Alabama Academy for the Blind. | | 700 | \$12,000 | | | \$11,000 | \$3,000 | |
| 2 | Arkansas School for the Blind. | | 600 | 13,424 | | \$614 | 2,514 | 10,000 | \$20,363 |
| 3 | Institution for the Deaf and Dumb and the Blind. | 0 | 270 | (a) | (a) | (a) | (a) | (a) | (a) |
| 4 | Colorado Institute for the Deaf and the Blind. | 0 | 700 | (a) | (a) | (a) | (a) | (a) | (a) |
| 5 | Florida Institute for the Deaf and the Blind. | | | | | | | | |
| 6 | Georgia Academy for the Blind <i>a</i> | | | 15,531 | | | | (15,130) | |
| 7 | Illinois Institution for the Education of the Blind. | 4 | 1,911 | 37,952 | \$1,645 | 3,008 | 5,814 | 10,016 | 27,204 |
| 8 | Indiana Institution for the Education of the Blind <i>b</i> | | | 27,000 | | 2,432 | (24,015) | | |
| 9 | Iowa College for the Blind. | 8 | 2,700 | 29,785 | | 2,426 | | | 16,553 |
| 10 | Kansas Institution for the Education of the Blind <i>c</i> | | 900 | 18,167 | | | 17,667 | 8,267 | 9,900 |
| 11 | Kentucky Institution for the Education of the Blind. | 13 | 2,300 | 25,145 | | 225 | 1,141 | 7,222 | 15,521 |
| 12 | Institution for the Deaf and Dumb and the Blind. | 0 | | | | | | | |
| 13 | Maryland School for the Blind. | 3 | 1,432 | 25,800 | | 5,940 | 3,855 | 6,863 | 15,615 |
| 14 | Maryland School for the Colored Blind and Deaf Mutes. | | | (a) | (a) | (a) | (a) | (a) | (a) |
| 15 | Perkins Institution and Massachusetts School for the Blind. | 11 | 9,420 | 30,000 | 18,735 | 34,159 | 10,675 | 21,585 | 31,521 |
| 16 | Michigan School for the Blind. | | 1,562 | 29,130 | | 1,911 | 144 | 8,380 | 13,751 |
| 17 | Minnesota School for the Blind. | 3 | | 12,696 | | | | (12,996) | |
| 18 | Institution for the Instruction of the Blind. | | 715 | 3,400 | | | 500 | 3,100 | |
| 19 | Missouri School for the Blind. | | 1,780 | 27,500 | 290 | 0 | 2,800 | 9,700 | 13,820 |
| 20 | Nbraska Institute for the Blind. | 5 | 1,725 | 57,150 | | | 46,200 | 4,200 | 6,753 |
| 21 | New York State Institution for the Blind. | 4 | 2,020 | 40,000 | 3,254 | 772 | 4,159 | 11,140 | 20,159 |
| 22 | North Carolina Institution for the Deaf and Dumb and the Blind. | | 3,100 | 69,209 | | 27,483 | 3,402 | 25,027 | 49,392 |
| 23 | North Carolina Institution for the Deaf and Dumb and the Blind. | 2 | 2,000 | (a) | (a) | (a) | (a) | | |
| 24 | Ohio Institution for the Education of the Blind. | 9 | 4,000 | 56,000 | | | 1,800 | 12,488 | 42,710 |
| 25 | Oregon Institute for the Blind. | | 150 | 4,000 | | | | 2,000 | 2,000 |
| 26 | Pennsylvania Institution for the Instruction of the Deaf and Dumb and the Blind. | 32 | 4,500 | | 48,000 | 76,578 | | (52,907) | |
| 27 | South Carolina Institution for the Education of the Deaf and Dumb and the Blind. | | | | | | | | |
| 28 | Tennessee School for the Blind. | | | 18,000 | | | | | |
| 29 | Texas Institution for the Blind. | 6 | 2,500 | | | | | | |
| 30 | Institution for the Deaf and Dumb and the Blind Colored Youth. | 5 | 1,420 | 40,410 | | | 3,800 | 17,000 | 19,000 |
| 31 | Virginia Institution for the Education of the Deaf and Dumb and the Blind. | | | 50,000 | | | | | |
| 32 | West Virginia School for the Education of the Deaf and the Blind. | 2 | 200 | (a) | (a) | (a) | (a) | (a) | (a) |
| 33 | Wisconsin School for the Blind. | 0 | 957 | 23,000 | | | (a) | 7,500 | 12,300 |
| 34 | School for Deaf and Blind <i>d</i> | | 2,340 | | | | | | |

* Statistics of 1887-88.

a See p. 1395.

b From Annual Report of 1887-88.

c From Annual Report.

d Not yet organized; no funds.

II.—EDUCATION OF THE FEEBLE-MINDED.

GENERAL REMARKS.

The first school for the care and training of the feeble-minded was opened by Dr. H. B. Wilbur in the village of Barre, Mass., in 1843. Soon after the opening of this school Dr. S. G. Howe, of the Perkins Institute for the Blind, opened a school at South Boston, Mass. New York was the next to establish a school, and Pennsylvania quickly followed. Since the establishment of the first institution 27 schools, public and private, have been opened, and nearly \$1,000,000 were expended the past year for their support.

In the plan of organization of the schools two departments are provided for—the educational and the custodial. The educational department embraces those receiving instruction not only in ordinary branches of a common school but also industrial occupations and manual labor. The custodial department has the care of those inmates to whom schoolroom exercises are considered unprofitable. An effort is made in this department to teach the pupils personal cleanliness and usefulness in domestic matters, and to break them of bad habits previously formed.

The question that arises in considering the usefulness of these schools is, can the feeble-minded be educated and trained so as to be self-supporting? It is not claimed by the friends of this class of defectives that the greater number of them can be made self-sustaining, but it is well established that many that have been sent from the institutions are leading useful lives and are not burdens to the community or to their friends.

Wherever adequate training has been given them the great majority of idiotic and feeble-minded children have been found susceptible of physical and mental improvement. It is therefore urged by all who are familiar with the facts that neither jails, nor county infirmaries, nor hospitals for the insane are suitable places for these unfortunates, but that institutions and homes as soon as possible be erected for those whose necessities demand such provision.

THE NATIONAL CONFERENCE OF CHARITIES AND CORRECTION.

The report of the committee of the Fifteenth National Conference of Charities and Correction on this subject may be briefly summed up as follows: That from 10 to 20 per cent. of those who are trained in these institutions are so improved as to enter life as self-supporting; that from 30 to 40 per cent. are made self-helpful and much less burdensome to their people, and that one-half of the whole number will need custodial care throughout life.

Of the whole number of feeble-minded persons in the United States three-fifths are said to be distributed among the middle and poorer classes. The earliest efforts should be made toward the relief of this class of our population.

The committee earnestly urge the placing of the permanently disabled in the custodial departments in buildings sufficiently remote from the industrial and educational departments of the institutions, and that they be treated by the same merciful system as the inmates of the educational and industrial departments.

About one-sixth of the feeble-minded in the United States are in the schools and homes provided for them by public and private charity.

The following resolutions were adopted by the conference:

“Resolved, That the Conference of Charities and Correction assembled in Buffalo hereby urges on all the States where provision has not been made the early establishment of institutions for the feeble-minded as a prudential measure both humane and just.

“Resolved, That this conference commends the institutions already established for the careful inquiry they are making into the causes of mental infirmity, believing that by contributing to the literature of the subject they will aid in diminishing this afflictive burden to both family and community, and will make a valued return for the public moneys used in their erection and support.”

NOTES FROM CATALOGUES, ETC.

California Home for the Care and Training of Feeble-Minded Children, Santa Clara, Cal.—The legislature at its last session appropriated funds for the purchase of a new site for the home. The committee has purchased a farm of 1,660 acres near the town of Glen Ellen, Sonoma County, Cal., for \$50,000.

Kentucky Home for the Care and Training of the Feeble-Minded, Frankfort, Ky.—We are sorry to learn of the total destruction by fire of this home. It occurred on May 3, 1889. We are very glad to learn that no lives were lost.

Massachusetts School for the Feeble-Minded, South Boston, Mass.—“We found it difficult to break away from the traditional and conventional form of institution building, which is the outgrowth of a theory that large numbers can be more cheaply

provided for in a single large building of three or four stories in height than in smaller and lower buildings. The fallacy of this theory has lately been demonstrated in a number of places, the most notable and successful instance within our knowledge being at the Willard Asylum for the Insane in New York. * * *

"By a slow process of evolution and elimination the plans were worked out to the best of our ability, and were submitted for the approval of the governor and council, in accordance with law. * * * They were approved, and we were permitted to expend \$60,000 in construction. Building has gone on during the summer, and now, as it is approaching completion, we are happy to say that it will be completed to the last detail, including boiler house, laundry, steam heating, and grading, within the sum approved."

Minnesota School for Feeble-Minded, Faribault, Minn.—The superintendent says: "In the school department, which comprises the school proper and the manual training feature, is centered the principal activity of the institution. The plan of training which we refer to as the coördinate system has been maintained—that is, individual children under instruction are occupied during short periods at a time only at one thing, and these periods alternate between the school and manual training rooms, in which the work is being conducted simultaneously. * * *

"Constructive occupations are preëminently adapted to child training, as proven by the experience of kindergarten and manual training schools everywhere."

The New Jersey State Institution for Feeble-Minded Women, Vineland, N. J.—This is a new institution and appears in our tables for the first time.

"The managers consider themselves fortunate in having secured so desirable a property, and especially a building so well equipped for the immediate reception of inmates, there being accommodation at the present time for 20 feeble-minded women."

The Garrison Home and Training School for the Feeble in Mind, Cranbury, N. J.—During the past year this institution was established at Cranbury, N. J. It is a private home for the feeble in mind and is conducted by the Rev. C. F. Garrison.

Haddonfield Training School for Girls Mentally Deficient or Peculiarly Backward, Haddonfield, N. J.—This is a private institution; the number of its pupils is limited to ten. The managers feel assured of the success of the school.

Nebraska Institution for Feeble-Minded Youth, Beatrice, Nebr.—The superintendent in his report says: "The buildings, for which the last legislature made appropriations, have been completed. * * * The building will be a great improvement on the present one in the way of convenient arrangement, as well as being much more pleasant. It is well ventilated, having separate vent flues and fresh-air flues for each room." * * *

"The experience of older institutions of this kind is, that large tracts of land are not only a matter of economy, the farm products largely supplying the institution, thus greatly lessening the cost of maintenance, but are also of great usefulness in the training and physical development of the children, agricultural pursuits being particularly adapted to persons of this class. Again, since the majority of the people of our State are engaged in farming, the pupils should be taught that which they will be able to follow under the direction of their parents when returned to their homes."

Ohio Institution for Feeble-Minded Youth, Columbus, Ohio.—The trustees of this institution have asked the legislature for an appropriation of \$100,000 for the purchase of suitable farming lands.

Pennsylvania Training School for Feeble-Minded Children, Elwyn, Pa.—Samuel A. Crozier, president, says: "Our free fund continues to invite the beneficent thought of the charitable; we gratefully acknowledge donations and bequests to this worthy object, amounting during the year to \$12,000, raising the invested fund at this day to \$101,000."

Superintendent's annual report; manual teachers; "With the beginning of the current year seven ladies were added to our corps of teachers, under the title 'manual trainers,' who, by their alternation with the school teachers, bring all the educable children of the school department under intelligent care and direction for fifteen hours out of the twenty-four. The whole staff is divided into two details, five and a quarter months each, the manual teachers of the first term being the school teachers of the second, and so alternately. I have long been of the opinion that neither the insane nor the feeble-minded should be under any less than the painstaking, continuous, and conscientious care of educated people; that long hours with illiterate, irresponsible people of the servant class is not promotive of cure or improvement. I am sure that one loud-spoken, uncouth, dictatorial attendant will do more harm to the nature of a child in the few hours that he or she may have it in care than can be eradicated by the best normal training, under the direct care of matron and teacher, during the other hours of the day."

Remarks upon the tables.

In presenting the statistics of the institutions for the care and training of the feeble-minded it appears that there has been a large increase in the number of schools, of pupils, and of teachers. Returns have been received from 26 institutions, an increase of 4 over last year. Four thousand seven hundred and eighty-four pupils are in the institutions at present, an increase of 463 over last year's report. The increase of instructors has kept pace with the increase of pupils. The number of instructors reported this year is 141, an increase of 19 over last year. The amount appropriated by the States for the public institutions is \$936,425, an increase of \$10,168.

Of the 26 institutions that have reported to this Bureau 15 are supported by States, 1 by a county, and 10 are private homes, which do not furnish any financial statistics to this Office. Eighteen have manual training and 16 have kindergartens. From four to five hours each day are spent in the schoolrooms. After the school hours the younger children are allowed to play and romp either in the play rooms or out of doors if the weather permits. The older ones, under competent instructors, are all given some useful employment, the males in the work shops or on the farm, the females at sewing or household duties.

Statistics of institutions for the feeble-minded for 1888-89—Part I.

| Post-office address. | Name. | Year of first opening. | Superintendent or principal. | Instructors. | | Pupils. | | | | | Industrial department. | |
|----------------------------------------|--------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------|--------------|---------|---------|---------|------------------|---------------------|--------|------------------------|-------|
| | | | | Male. | Female. | Male. | Female. | In kindergarten. | Taught during year. | Music. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1 Santa Clara, Cal..... | California Home for the Care and Training of Feeble-Minded Children. | 1884 | A. Edgar Osborne, M. D.... | 2 | 3 | 4 | 76 | 56 | 40 | 85 | ..... | ..... |
| 2 Lakeville, Conn..... | Connecticut School for Imbeciles..... | 1858 | G. H. Knight, M. D..... | ..... | 3 | ..... | 86 | 58 | 27 | 70 | 38 | ..... |
| 3 New London, Conn..... | Cavalry Cottage..... | 1881 | A. N. Williamson, M. D..... | 1 | 1 | ..... | 4 | 2 | ..... | 2 | ..... | ..... |
| 4 Lincoln, Ill..... | Illinois Asylum for Feeble-Minded Children..... | 1865 | William B. Fish, M. D..... | 5 | 5 | 10 | 297 | 197 | ..... | ..... | ..... | ..... |
| 5 Richmond, Ind..... | Indiana School for Feeble-Minded Youth..... | 1879 | Jno. G. Blake..... | 1 | 9 | 13 | 142 | 140 | 25 | 282 | ..... | 30 |
| 6 Glenwood, Iowa..... | Iowa Institution for Feeble-Minded Children..... | 1876 | F. M. Powell, M. D..... | 1 | 11 | 6 | (402) | ..... | 210 | 10 | ..... | 50 |
| 7 Winfield, Kans..... | Kansas State Asylum for Idiotic and Imbecile Youth..... | 1881 | C. K. Wiles, M. D..... | 3 | 3 | ..... | (a103) | 19 | 86 | 36 | 24 | 86 |
| 8 Frankford, Ky..... | Kentucky Institution for the Education and Training of Feeble-Minded Children. | 1860 | John Q. A. Stewart, M. D..... | 5 | 4 | ..... | 85 | 70 | 30 | 155 | 155 | ..... |
| 9 Elliott City, Md..... | Font Hill Private Institution for Feeble-Minded Children. | 1886 | Samuel Jayne Fort, M. D..... | 1 | 2 | 4 | 9 | 5 | 6 | 8 | 1 | 3 |
| 10 Amherst, Mass..... | Home School for Nervous and Delicate Children and Youth. | 1881 | Mrs. W. D. Herriek..... | 1 | 2 | 1 | 12 | 4 | 4 | 13 | 3 | 3 |
| 11 Barre, Mass..... | Private Institution for the Education of Feeble-Minded Youth. | 1848 | { George Brown, M. D..... } { Catharine Brown..... } Geo. A. Brown, M. D..... | ..... | 5 | 10 | ..... | ..... | 9 | 62 | 22 | 28 |
| 12 Fayette, Mass..... | Hillside School for Backward and Feeble Children..... | 1870 | Mesdames Knight and Green. | ..... | 2 | 6 | 6 | 5 | ..... | 6 | 3 | 6 |
| 13 South Boston, Mass..... | Massachusetts School for the Feeble-Minded..... | 1850 | Walter E. Fernald, M. D..... | 1 | 6 | 4 | 124 | 92 | ..... | 80 | 0 | 110 |
| 14 Kalamazoo, Mich..... | Wilbur Home and School for the Feeble-Minded..... | 1884 | Dr. C. T. Wilbur..... | 2 | 2 | ..... | 24 | 10 | 30 | 34 | 34 | 34 |
| 15 Fairbault, Minn..... | Minnesota School for Feeble-Minded..... | 1879 | Dr. A. C. Rogers..... | ..... | 5 | 3 | 156 | 119 | 20 | 150 | 15 | 130 |
| 16 Beatrice, Nebr..... | Nebraska Institution for Feeble-Minded Youth..... | 1887 | J. T. Armstrong, M. D..... | ..... | 4 | ..... | 42 | 56 | 22 | ..... | ..... | 3 |
| 17 Crawbury, N. J..... | Garrison Home and Training School for the Feeble in Mind. | 1889 | Rev. C. F. Garrison..... | 1 | 1 | 1 | 1 | 3 | ..... | ..... | ..... | ..... |
| 18 Haddonfield, N. J..... | Haddonfield Training School for Girls..... | 1883 | Margaret Bancroft and Jennie Cox. | ..... | 3 | 2 | 1 | 7 | 3 | 7 | 7 | 7 |
| 19 Vineland, N. J..... | New Jersey State Institution for Feeble-Minded Women. | 1888 | Mary J. Dunlop, M. D..... | ..... | 1 | ..... | ..... | 24 | ..... | 7 | ..... | ..... |
| 20 do..... | New Jersey Home for the Care and Education of Feeble-Minded Children.* | 1888 | Rev. S. O. Garrison..... | 2 | ..... | ..... | 19 | 11 | 20 | ..... | 3 | ..... |
| 21 Amityville (Long Island), N. Y..... | Brunswick Home*..... | 1888 | Rev. O. F. Brown..... | 1 | 1 | ..... | (27) | ..... | ..... | ..... | ..... | ..... |
| 22 Newark, N. Y..... | New York State Custodial Asylum for Feeble-Minded Women. | 1878 | W. L. Willett..... | ..... | 1 | 2. | (250) | ..... | ..... | 20 | 25 | ..... |
| 23 New York, N. Y..... | Seguin's Physiological School for Feeble-Minded Children. | 1878 | Mrs. Elsie M. Seguin..... | ..... | 5 | ..... | 6 | 10 | 9 | 16 | ..... | ..... |
| 24 Syracuse, N. Y..... | New York State Asylum for Idiots..... | 1851 | James C. Carson, M. D..... | ..... | 10 | 9 | 260 | 258 | 25 | 20 | 21 | 165 |
| 25 Columbus, Ohio..... | Ohio Institution for Feeble-Minded Youth..... | 1857 | G. A. Doren, M. D..... | 1 | 22 | 15 | 594 | 347 | ..... | 468 | 276 | 148 |
| 26 Elwyn, Pa..... | Pennsylvania Institution for Feeble-Minded Children..... | 1852 | Isaac N. Kerlin, M. D..... | ..... | 12 | 19 | (*654) | 50 | ..... | ..... | ..... | 3 |

*Statistics of 1887-88.

a Number present June 1, 1889.

Statistics of institutions for the feeble-minded for 1888-89—Part II.

| Name. | Dis- missed in 1888-89. | Volumes in library. | Receipts. | | | Expenditures. | | |
|----------------------------------------------------------------------------------|-------------------------------|---------------------------|----------------------|-------------------------|-------------------|-------------------|-----------|--------------------|
| | | | Appropria- tions. | For bene- ficiaries. | Other sources. | Building, etc. | Salaries. | Other purposes. |
| 2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 1 California Home for the Care and Training of Feeble-Minded Children..... | 10 | ..... | \$31,267 | 0 | \$3,294 | | \$12,354 | \$14,492 |
| 2 Connecticut School for Imbeciles..... | 15 | ..... | ..... | \$11,007 | 16,423 | \$4,601 | 10,057 | 17,372 |
| 3 Caryville Cottage..... | 1 | 200 | ..... | ..... | 4,000 | ..... | ..... | 3,000 |
| 4 Illinois Asylum for Feeble-Minded Youth..... | 77 | ..... | 69,002 | 3,403 | 4,143 | \$0,131 | 43,301 | 20,343 |
| 5 Indiana School for Feeble-Minded Children..... | ..... | ..... | 36,000 | ..... | ..... | ..... | ..... | ..... |
| 6 Iowa Institution for Feeble-Minded Children..... | 77 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 7 Kansas State Asylum for Idiotic and Imbecile Youth..... | 10 | ..... | 20,000 | ..... | ..... | ..... | ..... | ..... |
| 8 Kentucky Institution for the Education and Training of Feeble-Minded Children. | 58 | 560 | 32,000 | ..... | 1,600 | 34,000 | 2,540 | 16,634 |
| 9 Font Hill Private Institution for Feeble-Minded Children..... | 1 | 200 | ..... | ..... | ..... | ..... | ..... | ..... |
| 10 Home School for Nervous and Delicate Children and Youth..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 11 Private Institution for the Education of Feeble-Minded Youth..... | 8 | ..... | 0 | ..... | ..... | 300 | 800 | ..... |
| 12 Hillside School for Backward and Feeble Children..... | ..... | ..... | ..... | 175 | 4,175 | ..... | ..... | ..... |
| 13 Massachusetts School for the Feeble-Minded..... | 23 | 400 | 25,000 | ..... | ..... | ..... | ..... | ..... |
| 14 Wilbur Home and School for the Feeble-Minded..... | ..... | ..... | ..... | 13,776 | 6,707 | ..... | 13,675 | 21,207 |
| 15 Minnesota School for Feeble-Minded..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 16 Nebraska Institution for Feeble-Minded Youth..... | 4 | 50 | 50,000 | ..... | ..... | 46,000 | ..... | ..... |
| 17 Garrison Home and Training School for the Feeble in Mind..... | 2 | 36 | 38,000 | ..... | ..... | 20,000 | 3,800 | 12,765 |
| 18 Haddonfield Training School for Girls..... | 1 | 500 | ..... | ..... | ..... | 3,500 | ..... | ..... |
| 19 New Jersey State Institution for Feeble-Minded Women..... | 4 | 250 | 0 | 0 | 0 | ..... | ..... | ..... |
| 20 New Jersey Home for the Care and Education of Feeble-Minded Children..... | ..... | ..... | 2,000 | 2,856 | 307 | 2,000 | 1,200 | 1,962 |
| 21 Brunswick Home..... | ..... | 50 | ..... | ..... | ..... | ..... | ..... | ..... |
| 22 New York State Custodial Asylum for Feeble-Minded Women..... | ..... | ..... | 60,307 | ..... | ..... | 20,000 | 6,546 | 3,180 |
| 23 Seguin's Physiological School for Feeble-Minded..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 24 New York State Asylum for Idiots..... | 41 | 330 | 102,340 | 8,147 | 4,403 | 32,000 | 26,088 | 62,717 |
| 25 Ohio Institution for Feeble-Minded Youth..... | ..... | ..... | 181,570 | 15,313 | 2,061 | ..... | 13,940 | 119,553 |
| 26 Pennsylvania Institution for Feeble-Minded Children..... | 50 | 1,000 | 60,000 | 34,155 | 21,812 | 15,726 | 30,395 | 73,016 |

* Statistics of 1887-88.

III.—REFORM SCHOOLS.

The cottage system.—The term "family system" seems to be used as though it were a synonym for the expression, "cottage system." Thus, in answer to the inquiry, "Is your institution operated on the cottage system?" one school answers, "We have one family;" another, "The change to the family plan is now being made;" still a third, "No; but we have the family spirit." It is possible to consider the inmates of a large building having the usual assortment of stories and wings, as an overgrown family, and the building as an overgrown cottage; and it is also possible to conceive the inhabitants of such a building broken up into groups, just as a regiment is composed of companies. In both these instances the manner in which the family or families are organized is the main feature; but in the cottage system the distinguishing feature is in the isolation of the family by giving each a separate habitation. It would seem that the term "cottage system" may mean the organization of the family system, and something more.

Among the institutions reporting for the year under review, there are forty which give information in answer to the inquiry as to whether they had adopted the cottage system. Fifteen answer "yes," and eighteen "no." Three others give the responses noted in the preceding paragraph, and the others are introducing the cottage system.

Movement of the population.—Thirty-six schools, not including the Elmira State Reformatory for Men, report their population during the year, and also the number leaving during the same period. In these 36 schools there were 17,661 pupils enrolled, of whom 7,181, or 41 per cent. were disposed of or left the institutions under the following circumstances:

| | Per cent. |
|------------------------------------------------------------------------------|------------|
| Discharged at expiration of term..... | 3,892 = 22 |
| Placed out..... | 1,870 = 11 |
| Removed to other places of destination..... | 271 = 1 |
| Escaped and not captured..... | 95 = 0.5 |
| All others dismissed (in many cases the deaths have been included here)..... | 1,053 = 6 |
| Total..... | 7,181 40.5 |

Receipts from public funds, etc.—As far as reported the amount received from public funds is nearly \$2,000,000, though the reports are somewhat imperfect. This goes to show that from 85 to 90 per cent. of the means of support of reformatory institutions is received from the public treasury.¹ Of the amount received, \$357,708 were expended in building and improvements, and \$527,622 for salaries, 17 per cent. and 24 per cent., respectively, of the whole expenditure.

Summary of Statistics of Reform Schools.

| State. | Number of institutions. | Instructors. | | | Pupils. | | | Receipts. | Expenditures. |
|---------------------------------|-------------------------|--------------|---------|--------|---------|---------|--------|-----------|---------------|
| | | Male. | Female. | Total. | Male. | Female. | Total. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| North Atlantic Division: | | | | | | | | | |
| Maine..... | 1 | 7 | 8 | 15 | 149 | 0 | 149 | \$23,998 | \$23,998 |
| New Hampshire..... | 1 | 5 | 5 | 10 | 140 | 20 | 160 | 20,100 | 20,655 |
| Vermont..... | 1 | | | | 105 | 16 | 121 | 16,637 | 15,848 |
| Massachusetts..... | 11 | 21 | 49 | 70 | 1,488 | 620 | 2,108 | 210,648 | 209,024 |
| Rhode Island..... | 1 | 11 | 12 | 23 | 200 | 0 | 200 | 30,669 | 31,717 |
| Connecticut..... | 1 | 17 | 11 | 28 | 646 | 0 | 646 | | |
| | | | | | (1,518) | | | | |
| New York..... | 6 | 137 | 63 | 200 | 3,569 | 494 | 5,581 | 871,391 | 705,935 |
| New Jersey..... | 3 | 17 | 19 | 36 | 679 | 97 | 776 | 37,750 | 25,246 |
| Pennsylvania..... | 2 | 88 | 67 | 155 | 1,580 | 389 | 1,969 | 220,793 | 223,894 |
| Total..... | 27 | 303 | 234 | 537 | 8,556 | 1,636 | 11,710 | 1,431,986 | 1,256,317 |
| South Atlantic Division: | | | | | | | | | |
| Maryland..... | 1 | 18 | 0 | 18 | 500 | 0 | 500 | | |
| District of Columbia..... | 1 | 23 | 7 | 30 | 172 | 0 | 172 | 47,730 | 43,496 |
| Total..... | 2 | 41 | 7 | 48 | 672 | 0 | 672 | 47,730 | 43,496 |

¹ These figures are for the year 1888-89; the figures of the summary are, in some instances, for 1887-88.

| State. | Number of institutions. | Instructors. | | | Pupils. | | | Receipts. | Expenditures. |
|------------------------------|-------------------------|--------------|---------|--------|---------|---------|--------|-----------|---------------|
| | | Male. | Female. | Total. | Male. | Female. | Total. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| South Central Division: | | | | | | | | | |
| Kentucky..... | 1 | 0 | 20 | 20 | 0 | 86 | 86 | | |
| Louisiana..... | 1 | 0 | 0 | 0 | 253 | 0 | 253 | \$20,000 | \$9,780 |
| Total..... | 2 | 0 | 20 | 20 | 253 | 86 | 339 | 20,000 | 9,780 |
| North Central Division: | | | | | | | | | |
| Ohio..... | 2 | 16 | 30 | 46 | 1,262 | 132 | 1,394 | 137,894 | 132,321 |
| Indiana..... | 2 | 20 | 23 | 43 | 698 | 199 | 897 | 103,007 | 90,000 |
| Illinois..... | 1 | 13 | 12 | 25 | 0 | 160 | 160 | | |
| Michigan..... | 4 | 57 | 28 | 85 | 1,675 | 374 | 2,049 | 168,014 | 204,228 |
| Wisconsin..... | 2 | 55 | 152 | 207 | 540 | 183 | 723 | 107,997 | 108,147 |
| Minnesota..... | 1 | 1 | 4 | 5 | 270 | 39 | 309 | 48,680 | 48,654 |
| Iowa..... | 1 | 3 | 8 | 11 | 0 | 125 | 125 | (a) | (a) |
| Missouri..... | 1 | 4 | 3 | 7 | (242) | | 242 | 41,000 | 41,000 |
| Dakota..... | 1 | 6 | 6 | 12 | 41 | 16 | 57 | 5,500 | 15,000 |
| Nebraska..... | 1 | 14 | 7 | 21 | 249 | 0 | 249 | 101,989 | 112,689 |
| Kansas..... | 1 | 3 | 2 | 5 | 257 | 0 | 257 | 37,500 | 35,632 |
| Total..... | 17 | 192 | 275 | 467 | 4,992 | 1,228 | 6,462 | 751,581 | 787,671 |
| Western Division: | | | | | | | | | |
| Colorado..... | 1 | 5 | 0 | 5 | 220 | 24 | 244 | 33,000 | 37,980 |
| California..... | 1 | 3 | 3 | 6 | 274 | 89 | 363 | 38,000 | 37,689 |
| Total..... | 2 | 8 | 3 | 11 | 494 | 113 | 607 | 71,000 | 75,669 |
| SUMMARY. | | | | | | | | | |
| North Atlantic Division..... | 27 | 393 | 234 | 537 | (1,516) | | | | |
| South Atlantic Division..... | 2 | 41 | 7 | 48 | 8,556 | 1,636 | 11,710 | 1,431,986 | 1,256,317 |
| South Central Division..... | 2 | 0 | 20 | 20 | 672 | 0 | 672 | 47,730 | 43,496 |
| | | | | | 253 | 86 | 339 | 20,000 | 9,780 |
| North Central Division..... | 17 | 192 | 275 | 467 | (242) | | | | |
| Western Division..... | 2 | 8 | 3 | 11 | 4,992 | 1,228 | 6,462 | 751,581 | 787,671 |
| | | | | | 494 | 113 | 607 | 71,000 | 75,669 |
| Total..... | 50 | 544 | 539 | 1,083 | (1,760) | | | | |
| | | | | | 14,967 | 3,063 | 19,790 | 2,322,297 | 2,172,933 |

a For two years.

Statistics of reform schools for 1888-89.

| Post-office address. | Name. | Year of first opening. | Superintendent. | Instructors. | | Pupils. | | Receipts. | | Expenditures. | | |
|---------------------------|-------------------------------------------------|------------------------|---------------------------------------|--------------|---------|---------|---------|-----------------------------|----------------|-----------------|-----------|-----------------|
| | | | | Male. | Female. | Male. | Female. | State, county or municipal. | Other sources. | Buildings, etc. | Salaries. | Other purposes. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1 San Francisco, Cal. | Industrial School ⁴ | 1859 | J. W. Silk..... | 3 | 3 | 274 | 89 | \$38,000 | ..... | \$1,120 | \$14,613 | \$21,956 |
| 2 Golden, Colo. | State Industrial School..... | 1880 | D. R. Hatch..... | 5 | 0 | 220 | 24 | 30,000 | \$3,000 | 7,000 | 9,180 | 21,800 |
| 3 Meriden, Conn. | State Reform School..... | 1833 | George B. Howe..... | 17 | 11 | 616 | 0 | ..... | ..... | ..... | ..... | ..... |
| 4 Plankinton, S. Dak. | Dakota Reform School..... | 1889 | C. W. Amworth..... | 6 | 6 | 41 | 16 | 5,560 | ..... | ..... | 4,500 | 10,500 |
| 5 Washington, D. C. | Reform School, D. C..... | 1870 | George A. Shallenberger..... | 23 | 7 | 172 | ..... | 44,586 | 3,143 | 5,000 | 12,586 | 25,900 |
| 6 South Evansston, Ill. | Illinois Industrial School for Girls..... | 1878 | Miss Sarah F. Keely..... | 13 | 12 | 0 | 160 | ..... | ..... | ..... | ..... | ..... |
| 7 Indianapolis, Ind. | Reform School for Girls and Woman's Prison..... | 1873 | ..... | 0 | 11 | 0 | 199 | 30,000 | 13,007 | 2,107 | 7,887 | 19,946 |
| 8 Plainfield, Ind. | Indiana Reform School for Boys..... | 1868 | T. J. Charlton..... | 20 | 12 | 698 | 0 | ..... | 60,000 | 3,244 | 15,077 | 41,679 |
| 9 Mitchellville, Iowa | Lowa Industrial School, Girls Department..... | 1874 | C. C. Cory..... | 3 | 8 | 0 | 125 | 647,000 | ..... | 113,000 | 67,750 | 67,250 |
| 10 Topeka, Kans. | Kansas State Reform School..... | 1881 | J. F. Buck..... | 3 | 2 | 257 | 0 | 37,500 | ..... | ..... | 11,529 | 24,103 |
| 11 Newport, Ky. | Convent of the Good Shepherd..... | 1866 | Mother Matron of St. Scholastica..... | 0 | 29 | 0 | 86 | ..... | ..... | ..... | ..... | ..... |
| 12 New Orleans, La. | Boy's House of Refuge ⁴ | 1843 | W. C. Stannton..... | 1 | ..... | 253 | ..... | 10,000 | 10,000 | ..... | 3,780 | 6,000 |
| 13 Portland, Me. | State Reform School..... | 1853 | J. R. Farrington..... | 7 | 8 | 149 | 0 | 20,246 | 3,752 | 5,516 | 6,528 | 11,953 |
| 14 Carroll, Md. | St. Mary's Industrial School for Boys..... | 1866 | Brother Dominic..... | 18 | 0 | 500 | 0 | 35,000 | 11,115 | 13,916 | 8,882 | 18,223 |
| 15 Boston, Mass. | Marcella Street Home..... | 1877 | Alfred B. Heath, M. D..... | 2 | 6 | 492 | 291 | 52,471 | 0 | 2,848 | 12,800 | 36,733 |
| 16 do | Truant School ⁴ | 1869 | John G. Whiton..... | 2 | 0 | 86 | 0 | ..... | ..... | ..... | ..... | ..... |
| 17 Lawrence, Mass. | Lawrence Industrial School..... | 1874 | Robert B. Eisk..... | 0 | 1 | 48 | 0 | 2,500 | 3,730 | 272 | 2,234 | 3,645 |
| 18 Lancaster, Mass. | State Industrial School for Girls..... | 1856 | L. L. Brackett..... | 0 | 3 | 0 | 164 | 22,053 | 622 | 2,727 | 8,074 | 11,252 |
| 19 Lowell, Mass. | Lowell Reform School..... | 1851 | Albert Pindar..... | 2 | 0 | 101 | 1 | ..... | ..... | ..... | 1,700 | 1,906 |
| 20 New Bedford, Mass. | New Bedford Truant School..... | 1873 | P. S. Macy..... | 1 | 18 | 0 | 0 | ..... | ..... | ..... | 400 | ..... |
| 21 North Cambridge, Mass. | Cambridge Truant School..... | 1854 | Martin L. Eldridge..... | 1 | 0 | 25 | 0 | ..... | 280 | ..... | ..... | ..... |
| 22 Palmer, Mass. | Massachusetts State Primary School..... | 1866 | Amos Andrews..... | 1 | 12 | 379 | 164 | 59,000 | 138 | 1,562 | 17,671 | 36,119 |
| 23 Salem, Mass. | Plummer Farm School..... | 1870 | Charles A. Johnson..... | 2 | 3 | 42 | 0 | ..... | 7,500 | ..... | 2,200 | 3,800 |
| 24 Westborough, Mass. | Lynan School for Boys..... | 1848 | T. F. Chapin..... | 11 | 22 | 255 | 0 | 59,300 | ..... | 22,000 | 15,000 | 22,300 |
| 25 Worcester, Mass. | Worcester Truant School..... | 1863 | R. F. Parkhurst..... | 0 | 1 | 42 | 0 | 3,084 | ..... | ..... | 331 | 2,764 |
| 26 Adrian, Mich. | State Industrial Home for Girls..... | 1879 | Miss Margaret Scott..... | 0 | 25 | 0 | 299 | 35,751 | 3,486 | 16,153 | 13,217 | 24,745 |
| 27 Detroit, Mich. | Detroit House of Correction..... | 1862 | Joseph Nicholson..... | 1 | 1 | 90 | 75 | ..... | ..... | ..... | ..... | ..... |
| 28 Ionia, Mich. | State House of Correction and Reformatory..... | 1877 | E. C. Watkins..... | 47 | 1 | 874 | 0 | 61,000 | ..... | 4,000 | 24,000 | 57,000 |

| | | | | | | | | | | | | | |
|----|----------------------------|-------------------------------------------------|------|-----------------------------|-----|-----|--------|-----|---------|---------|---------|----------|----------|
| 20 | Lansing, Mich. | Reform School | 1855 | Cornelius A. Gown | 9 | 2 | 711 | 0 | 52,360 | 15,277 | 684 | 19,516 | 44,913 |
| 29 | St. Paul, Minn. | Minnesota State Reform School* | 1868 | J. W. Brown | 1 | 4 | 276 | 39 | 42,000 | 6,680 | 6,362 | 13,551 | 28,741 |
| 30 | St. Louis, Mo. | House of Refuge | 1854 | John D. Schaffer | 4 | 3 | (2542) | | 41,000 | | | 13,000 | 28,000 |
| 31 | Kearney, Neb. | State Industrial School for Juvenile Offenders. | 1881 | John T. Malliet | 14 | 7 | 249 | 0 | 101,989 | 0 | 60,000 | 10,700 | 41,989 |
| 32 | Manchester, N. H. | State Industrial School | 1857 | J. C. Ray | 5 | 5 | 140 | 20 | 6,000 | 14,100 | 1,489 | 5,165 | 14,000 |
| 33 | Jamesburgh, N. J. | New Jersey State Reform School for Boys. | 1867 | Ira Otterson | 15 | 10 | 495 | 0 | | | | | |
| 34 | Trenton, N. J. | State Industrial School for Girls | 1871 | Mrs. S. P. McFadden | 1 | 5 | 0 | 73 | 10,000 | | 491 | 2,996 | 4,317 |
| 35 | Verona, N. J. | Newark City Home * | 1856 | C. M. Harrison | 1 | 4 | 214 | 24 | 25,000 | 2,750 | 4,528 | 6,195 | 14,523 |
| 36 | Brooklyn, N. Y. | Brooklyn Trust House | 1874 | Patrick H. Corrigan | 2 | 0 | 212 | | | | 11,200 | 10,000 | 6,200 |
| 37 | Canaan Four Corners, N. Y. | Burnham Industrial Farm | 1887 | W. M. F. Round | 6 | 3 | 36 | 0 | | 6,000 | 1,200 | | |
| 38 | Elmira, N. Y. | New York State Reformatory | 1876 | Z. R. Brockway | 30 | 0 | 1204 | 0 | 195,000 | 40,352 | 42,835 | 31,497 | 100,723 |
| 39 | N. Y. | New York Juvenile Asylum | 1851 | Elisha M. Carpenter | 17 | 38 | 1242 | 350 | 117,201 | 22,925 | 4,087 | 24,780 | 92,950 |
| 40 | Harlem (Station L), N. Y. | House of Refuge, Randall's Island | 1825 | Israel C. Jones | 29 | 23 | 875 | 144 | 169,170 | 12,984 | 46,315 | 29,110 | 93,478 |
| 41 | West Chester, N. Y. | The New York Catholic Protective | 1863 | Brother Leontine | 53 | 0 | (1518) | | 277,061 | 630,693 | 653,207 | c17,840 | c140,413 |
| 42 | Cincinnati, Ohio | Cincinnati House of Refuge | 1856 | Henry Oliver | 16 | 10 | 412 | 132 | 40,736 | 15,963 | 6,392 | 17,317 | 26,235 |
| 43 | Lancaster, Ohio | Boys Industrial School | 1854 | Charles Douglass | 11 | 850 | | | 64,543 | 16,650 | 7,500 | 23,236 | 40,213 |
| 44 | Morgantza, Pa. | Pennsylvania Reform School | 1854 | J. A. Quay | 42 | 17 | 585 | 113 | 223,768 | 50,562 | 4,823 | 21,462 | 50,384 |
| 45 | Philadelphla, Pa. | House of Refuge | 1850 | J. Hood Laverly | 46 | 50 | 995 | 276 | 37,000 | 50,463 | 5,145 | 41,182 | 100,898 |
| 46 | Howard, R. I. | Sockanosot School for Boys | 1850 | Franklin H. Nibbecker | 11 | 12 | 200 | | 24,000 | 6,669 | | 10,110 | 21,007 |
| 47 | Vergennes, Vt. | Vermont Reform School* | 1865 | E. T. Healey | 105 | 16 | | | 16,637 | | | (15,848) | |
| 48 | Milwaukee, Wis. | Wisconsin Industrial School for Girls | 1875 | Harriet Cecil Hunt | 26 | 136 | | 183 | 23,642 | 1,157 | 1,825 | 7,623 | 8,776 |
| 49 | Waukesha, Wis. | Wisconsin Industrial School for Boys | 1860 | William H. Sleep | 29 | 16 | 540 | | 37,500 | 45,098 | | 15,317 | 73,606 |

* For 1887-88.

a For 1887-89.

6 Number present June 1, 1888.

For male department only.

For male department only.

IV.—EDUCATION OF THE COLORED RACE.

PUBLIC SCHOOLS.

The three tables following (Tables 1, 2, and 3) exhibit the statistics of the colored schools of the former slave States placed in juxtaposition with those of the white.

TABLE 1.—Colored school population and colored population, 6 to 14 years of age, in the former slave States compared with the white, mainly for 1889.

| State. | Age of children enumerated. | Number enumerated. | | Estimated population 6 to 14. | | Per cent of total. | |
|---------------------------|-----------------------------|--------------------|----------|-------------------------------|-----------|--------------------|----------------|
| | | Colored. | White. | Colored. | White. | Colored. | White. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | | <i>Per ct.</i> | <i>Per ct.</i> |
| Alabama..... | 7-21 | 226,925 | 295,766 | 164,410 | 214,330 | 43.4 | 56.6 |
| Arkansas..... | 6-21 | 106,300 | 297,665 | 78,220 | 219,080 | 26.3 | 73.7 |
| Delaware..... | 6-21 | a7,070 | a36,468 | b5,485 | b28,293 | a16.2 | a83.8 |
| District of Columbia..... | c6-17 | b18,200 | b33,300 | 13,720 | 25,100 | 35.3 | 64.7 |
| Florida..... | 6-21 | b52,855 | b60,782 | 41,860 | 48,130 | 46.5 | 53.5 |
| Georgia b..... | 6-18 | 267,657 | 292,624 | 186,031 | 203,381 | 47.8 | 52.2 |
| Kentucky..... | 6-20 | b109,158 | b555,809 | 70,150 | 357,220 | 16.4 | 83.6 |
| Louisiana b..... | 6-18 | d176,097 | d160,040 | 132,134 | 120,085 | 52.4 | 47.6 |
| Maryland..... | 5-20 | e68,409 | e226,806 | 47,540 | 157,560 | 23.2 | 76.8 |
| Mississippi..... | 5-21 | f273,528 | f190,436 | 179,233 | 124,753 | f59.0 | f41.0 |
| Missouri..... | 6-20 | 48,478 | 816,886 | 30,600 | 515,600 | 5.6 | 94.4 |
| North Carolina b..... | 6-21 | 216,837 | 363,982 | 142,600 | 239,150 | 37.4 | 62.6 |
| South Carolina..... | 6-16 | e180,475 | e101,189 | 165,933 | 93,029 | e64.1 | e35.9 |
| Tennessee b..... | 6-21 | 162,834 | 489,674 | 102,600 | 308,400 | 25.0 | 75.0 |
| Texas..... | 8-16 | 139,939 | 405,677 | 157,400 | 456,300 | 25.6 | 74.4 |
| Virginia..... | 5-21 | g265,347 | g345,024 | 167,367 | 217,703 | g43.5 | g56.5 |
| West Virginia..... | 6-21 | 10,497 | 248,437 | 6,840 | 161,790 | 4.1 | 95.9 |
| Total..... | | | | 1,692,123 | 3,489,904 | 32.7 | 67.3 |

a In 1886.

b In 1888.

c Inclusive.

d Estimated.

e U. S. Census of 1880.

f In 1887.

g In 1885.

TABLE 2.—Enrollment and average attendance in colored public schools, compared with white, mainly for 1888-89.

| State. | Number of pupils enrolled. | | Per cent. of total enrollment. | | Number of pupils enrolled to every 100 children 6 to 14. | | Average daily attendance. | | Ratio of average attendance to enrollment. | |
|---------------------------|----------------------------|-----------|--------------------------------|---------------|----------------------------------------------------------|-------|---------------------------|---------|--------------------------------------------|---------------|
| | Colored. | White. | Colored. | W'te. | Colored. | W'te. | Colored. | White. | Colored. | W'te. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | | | <i>P. ct.</i> | <i>P. ct.</i> | | | | | <i>P. ct.</i> | <i>P. ct.</i> |
| Alabama..... | 105,106 | 165,098 | 38.9 | 61.1 | 64 | 77 | 69,273 | 102,828 | 65.9 | 62.3 |
| Arkansas..... | 56,382 | 150,770 | 26.1 | 73.9 | 72 | 73 | | | | |
| Delaware a..... | 4,587 | 27,965 | 14.1 | 85.9 | 84 | 99 | 2,017 | 19,254 | 44.0 | 68.9 |
| District of Columbia..... | 13,004 | 22,760 | 36.3 | 63.7 | 95 | 91 | 8,597 | 19,022 | 77.0 | 77.3 |
| Florida..... | 34,008 | 52,000 | 39.5 | 60.5 | 81 | 108 | | | | |
| Georgia b..... | 120,390 | 200,786 | 37.5 | 62.5 | 65 | 99 | | | | |
| Kentucky..... | 42,526 | 288,460 | 12.8 | 87.2 | 61 | 81 | 28,833 | 193,721 | 67.8 | 67.2 |
| Louisiana b..... | 51,539 | 74,024 | 41.0 | 59.0 | 39 | 62 | 37,656 | 52,895 | 73.1 | 71.5 |
| Maryland..... | 34,072 | 145,388 | 19.0 | 81.0 | 72 | 92 | 15,227 | 83,993 | 44.7 | 57.8 |
| Mississippi..... | 172,338 | 147,373 | 53.9 | 46.1 | 96 | 118 | 102,708 | 90,411 | 59.6 | 61.3 |
| Missouri..... | 32,168 | 579,373 | 5.3 | 94.7 | 105 | 112 | | | | |
| North Carolina a..... | 125,844 | 211,498 | 37.3 | 62.7 | 83 | 88 | 75,230 | 133,427 | 59.8 | 63.1 |
| South Carolina..... | 104,503 | 89,761 | 53.8 | 46.2 | 63 | 96 | c69,892 | c59,357 | 66.9 | 66.1 |
| Tennessee a..... | 94,435 | 342,089 | 21.6 | 78.4 | 92 | 111 | 64,711 | 244,258 | 68.5 | 71.4 |
| Texas d..... | 96,809 | 231,958 | 25.6 | 74.4 | 62 | 62 | | | | |
| Virginia..... | 119,172 | 217,776 | 35.4 | 64.6 | 71 | 100 | 65,618 | 129,907 | 55.0 | 59.6 |
| West Virginia..... | 6,209 | 181,319 | 3.3 | 96.7 | 91 | 112 | 3,589 | 116,401 | 57.8 | 64.2 |
| Total..... | 1,213,092 | 3,187,408 | 27.6 | 72.4 | 72 | 91 | | | e62.3 | e65.0 |

a In 1887-88.

b In 1888.

c There were also 7,109 not classified according to race.

d A few counties not reporting are estimated.

e Includes only the States tabulated in the same column above.

TABLE 3.—Length of school term, and number of teachers, with their monthly salaries, in colored and white schools, mainly for 1888-89.

| State. | Average number of days the public schools were kept. | | Number of teachers in colored schools. | Average monthly salaries of teachers. | |
|-------------------------------|------------------------------------------------------|--------|----------------------------------------|---------------------------------------|---------|
| | Colored. | White. | | Colored. | White. |
| 1 | 2 | 3 | 4 | 5 | 6 |
| Alabama..... | 75½ | 75½ | 1,968 | \$22.33 | \$23.15 |
| Arkansas..... | | | 21,500 | 38.00 | 46.25 |
| Delaware <i>b</i> | 117 | 168 | 84 | | |
| District of Columbia..... | 179 | 182 | 202 | | |
| Florida..... | 150 | 150 | 700 | | |
| Georgia <i>c</i> | | | 21,987 | | |
| Kentucky..... | 93 | 94 | 1,200 | 38.78 | 34.58 |
| Louisiana <i>c</i> | 91 | 95 | 730 | 33.00 | 27.50 |
| Maryland..... | 172 | 190 | 590 | | |
| Mississippi..... | 291 | 291 | 3,007 | 24.28 | 34.93 |
| Missouri..... | | | 683 | | |
| North Carolina <i>b</i> | 61.5 | 64 | 2,617 | 21.84 | 24.62 |
| South Carolina..... | | | 1,622 | | |
| Tennessee <i>b</i> | | | 1,564 | | |
| Texas..... | | | 2,278 | | |
| Virginia..... | | | 1,951 | | |
| West Virginia..... | | | 180 | | |
| Total..... | 789.2 | 798.6 | 22,956 | 27.35 | 32.74 |

a Approximately.*b* In 1887-88.*c* In 1888.*d* Number of colored schools, excluding those in cities under local laws.*e* County schools only.*f* Includes only the States tabulated in the same column above.*Remarks upon the tables.*

Number of colored children in the schools.—It will be seen that, taking all the above States together, the colored children form 32.7 per cent., or a trifle less than one-third of the total school population 6 to 14 years of age, while the colored pupils form only 27.6 per cent., or little more than one-fourth of the total enrollment; *i. e.*, the colored population supplies considerably less than its due proportion of pupils to the public schools. This is the case in each of the States individually, with the exception of North Carolina and Texas, where the proportion of children and of school enrollment is about the same, and the District of Columbia, where the proportion of colored children is 35.3 per cent. and of colored pupils 36.3 per cent.

Looking at the actual number of pupils enrolled for each 100 children of 6 to 14 years of age (columns 6 and 7, Table 2) it is found to be seventy-two for the colored population and ninety-one for the white, a decided difference; and if the number of white children receiving an education outside of the public schools could be taken into consideration a still greater discrepancy would appear.

Regularity of attendance.—Not only are there fewer colored pupils than white enrolled in proportion to the number of children, but the regularity of attendance of colored pupils is less than the white. The summaries of columns 10 and 11, Table 2, show that out of every one hundred colored pupils enrolled 62.3 on an average attend each day; and out of a like number of white pupils 65 attend each day on an average. This is not a very great difference, however, and under all the circumstances may be considered a satisfactory relative showing. In Alabama, Kentucky, Louisiana, and South Carolina the regularity of the colored pupils exceeds that of the white.

Length of school term.—The colored schools are kept an average of 89.2 days in the nine States which furnish the necessary data for determining this item, and the white schools an average of 98.6 days (columns 2 and 3, Table 3). Delaware furnishes a large part of this difference, due to the colored people being left mainly to their own resources in that State. In Maryland, also, there is a considerable difference in the length of the school terms. Outside of these two States the difference is trifling.

Teachers' wages.—The average of the monthly wages of colored teachers in six States reporting this item is \$27.35; of white teachers, \$32.74 (columns 5 and 6, Table 3). This difference may be considered to proceed in part from the circumstance that among the white teachers there are a greater proportional number in the higher and better-paid grades than among the colored, thus raising their average.

In Kentucky the average wages of the colored teachers exceed that of the white. This results from the colored districts being larger than the white districts, containing more children, and therefore drawing more of the State money, which is applied exclusively to the payment of the district teacher.

THE SOURCES OF SUPPORT OF COLORED PUBLIC SCHOOLS.

In all the former slave States, except Delaware and Maryland, the annual State school revenue is apportioned impartially among all the children of the State without regard to color, so much per capita to each child. In Maryland the State school tax is apportioned among the white schools only, but a special appropriation is made from the State Treasury for the colored schools, sufficient to make the colored per capita of State moneys practically equal to that of the white. For the year 1888-89 the colored schools of Maryland received about \$100,000 from this source.

Now, as to local funds. Throughout the rural districts of the South the colored people are dependent chiefly upon this State apportionment, which is by law devoted mainly, if not exclusively, to the payment of teachers' salaries. Any additional sum required for building, repairs, fuel, or incidental expenses, or for lengthening the short school term which the State apportionment can only afford, must be raised by themselves. In the larger and more progressive cities, on the other hand, the city appropriation for schools is general, and is allotted to the various public schools, white and colored, according to the needs of each, in the judgment of the local school authorities. The State of Kentucky, however, has enacted that no white person shall be (locally) taxed for the support of a colored school, or *vice versa*. In that State the colored schools have their own trustees and district boundaries, forming an absolutely distinct system.

It is difficult, as a general thing, to determine the amounts expended for white and colored schools in cities, as these sums are not reported separately. The following instances, however, may be noted:

Richmond, Va., received from the State in 1887-88 the sum of \$28,855, of which the colored share, according to school population, was about \$12,000; yet the city paid to colored teachers, not including principals, that year \$33,513, the excess (amounting to over \$20,000), coming from the general city appropriation, and this in addition to whatever amount was expended for colored buildings, etc.

Birmingham, Ala., received in 1888-89, from the State for its colored schools, and from colored poll taxes, \$2,092. It paid for colored teachers' salaries alone \$6,250, the excess being furnished by the city; so for Selma and some other cities of Alabama.

Wilmington, Del., in 1887-88 expended \$18,745 upon colored schools, of which about \$6,000 was for building. This amount apparently all came from the general funds of the city; at most, only an insignificant sum was received from any other source.

City Superintendent W. F. Slaton, of Atlanta, says (1889):

"The Gray Street school for colored children, built and equipped during the past year, is in my opinion the best schoolhouse in Atlanta. It was built on the most modern plan; wisely arranged in regard to the admission of light; furnished with Smead's system of heating and ventilating; furnished with Andrew's best desks; supplied with maps, charts, and other aids in teaching."

State Superintendent Pickett, of Kentucky, states in his report for 1888-89 that "the receipts and expenditures of the white and colored schools are not kept separate in a number of the cities," which would seem to indicate that the Kentucky law referred to above was not observed in those cities, but that the school funds were common to both races.

Delaware makes a more meager provision for the education of colored children than any other State. There the funds raised by taxation under the State law are not apportioned impartially to the children of the State; but the taxes levied upon each race are applied to the support of schools for their own children exclusively, so that the tax upon the real and personal property and poll of colored persons is "set apart as a separate and distinct fund for the support and maintenance of colored schools, and the white tax is reserved for the white schools."

Moreover, the proceeds of the State School Fund are appropriated to white schools exclusively. For the colored schools an appropriation is made direct from the State treasury. This appropriation for colored schools has been increased from \$2,400 in 1881 to about \$5,000 in 1888.

Both the taxes levied upon colored persons and the State appropriation for colored schools are paid over to the Treasurer of the African School Society, which society, under the law, distributes it among the colored schools of the State; and by an arrangement with the county superintendents much of the work of supervising the colored schools has been left in the hands of Mr. H. C. Conrad, treasurer and actuary of the African School Society.

The amount of money actually raised for the schools of each race in 1886 (the latest year available), together with the number of white and colored children, is as follows :

Receipts of white and colored schools in Delaware in 1886.

[From Delaware School Report, 1886, pp. 5, 7, and 57.]

| | No. of children 6 to 21 years. | State appropriation. | | School taxes. | | Receipts. | |
|------------------------------------|--------------------------------------|----------------------|-------------|---------------|-------------|-----------|-------------|
| | | Total. | Per capita. | Total. | Per capita. | Total. | Per capita. |
| White..... | 36,468 | \$60,607 | \$1.63 | \$185,994 | \$5.10 | \$246,001 | \$6.76 |
| Colored (excluding Wilmington) ... | 5,750 | 4,656 | .81 | 2,511 | .44 | 7,167 | 1.25 |

The white schools thus received in appropriations and taxes more than five times as much per capita of the school population as the colored schools.

The total receipts, moreover, would allow an average of \$439 to each white school and \$104 to each colored school.

Regarding the status of the colored schools of Delaware, Superintendent L. I. Handy, of Kent County, says in his report:

"According to an understanding among the county superintendents, we have left much of the work of supervising negro schools in the hands of Mr. H. C. Conrad, of Wilmington. I have, however, devoted some personal attention to those schools in Kent County, as well as exercised a general supervision over them. On my round of visits to the white schools I have occasionally called at negro schools, and have found them in as good condition as could be expected under the circumstances. All that I have visited were entirely primary in their work. For a detailed report of these schools I must refer you to Mr. Conrad; but I desire to express the opinion that the law in regard to negro schools, passed at the last session of the legislature, and the money now appropriated by the State, are sufficient for present requirements. I say this, feeling a deep interest in the education of negro children, and appreciating the importance to the whole commonwealth of elevating in every possible way the negro race, which has been thrust into our midst by the hand of a ruthless past. It would be most unfortunate for the negro schools if they should become a bone of contention between the political parties. In advising that the present status be left unaltered at this time, I speak as a sincere friend of the negro schools. A system of good schools among the negroes can not be quickly created; it must grow. Although fully appreciating the services which Mr. Conrad has rendered the State by his labors in behalf of the negro schools, it is my intention, if the law remains unchanged and I continue in office another year, to relieve him of responsibility in regard to the negro schools of Kent County."

Where do the State funds come from? It has been stated above that in each of the Southern States, except Delaware and Maryland, the annual State fund is apportioned impartially among the white and colored children. It becomes desirable to know how much of these funds comes from colored sources. Unfortunately this is difficult to determine. The annual State fund in these States is derived in the main from the income of permanent funds, direct appropriations by the States, and taxes on property or polls, by far the major part of which, except poll taxes, would seem to come from the white population.

As regards North Carolina, State Superintendent S. M. Finger, in addressing the school officers, says: "But perhaps you say the negroes are in the way. * * * Do you know that, including poll tax which they actually pay, fines, forfeitures, and penalties, the negroes furnish a large proportion of the money that is applied to their public schools?"

In 1882, Gustavus J. Orr, then State Superintendent of Georgia, undertook an elaborate investigation, in order to determine the exact truth in this matter, and reached a conclusion regarding that State similar to that indicated by Superintendent Finger for North Carolina. He found that out of \$151,000 paid to colored teachers by the State, \$145,000 might be considered as having been contributed, directly or indirectly, by the colored people. But he called attention to another feature of the question, which must be taken into consideration, viz, that the negroes furnished nothing else toward the payment of the public expenses; or, as Superintendent Orr expressed it: "The white people, who really hold all the power of the State government in all its departments, allowed the negroes for the support of their schools more than the whole amount paid by them for all purposes, and then took upon themselves all the other expenses of the Government." And again: "It is true that colored

people contribute nearly all of what is paid [by the State] for the education of their children, as has been already shown; but they are made to do this, as has also been shown, by so selecting the sources of school revenue as to put all that they pay into the school fund." It must be acknowledged that if a due proportion of the colored poll taxes, fines, etc., were applied to other (or general) objects, their school moneys would have to be supplemented by just so much from funds proceeding from the white people; and the State of Georgia, in relieving the colored people of these general public charges, virtually applies to their education to this extent funds raised from the whites.

In Kentucky there were collected from the colored people for State taxes in 1884-85, \$13,988; there were disbursed by the State for colored schools the same year \$137,851, leaving \$123,863 as the "amount paid by white taxpayers to equalize the per capita."

It may be stated in this connection that the same year (1884-85), the colored people raised in the "counties" in Kentucky, by local taxation and subscriptions, \$19,210, and in 1888-89, \$29,044, which may be taken as a measure of their ability and inclination to raise local funds, and of the progress they have made in these particulars.

State Superintendent J. Desha Pickett says, of their effort to supplement the funds of the State: "This is prime proof of intelligent interest and of genuine progress in their system of common schools. The colored people of the Commonwealth are wide awake under the beneficent provisions in the new order of things. * * * Other proofs are presented of progress in the colored schools, which must certainly be a subject of congratulation to every thoughtful citizen of the Commonwealth, in view of the facts that the colored man is here to stay, and that the State is heavily taxed for his improvement." "That a race of people, descended a few generations back from serpent worshippers in the wilds of Africa, within less than a score of years after being freed, and out of a mass of illiterates hundreds of thousands strong, have a regularly organized system of education, conducted by more than a thousand teachers, men and women of their own race, with thrice as many trustees, and only white boards and superintendencies, county and State, is another marvel in the history of ethics, ethnology, and the education of nations. It speaks well for that race; and it speaks eloquently for Kentucky, and for the spirit of progress, not only in Kentucky, but, hopefully, throughout the South. It is the promise of a new era in the history of humanity."

GENERAL CONDITION AND PROGRESS OF THE COLORED PUBLIC SCHOOLS.

The great obstacle to the progress of the country colored schools is the poverty of the people. The State furnishes enough to pay the teacher for a two to four months' term; all the other funds, for building schoolhouses and maintaining the schools, they must generally raise themselves. On account of the lack of means the colored people are put to all sorts of shifts for buildings, often using churches, sometimes putting up with the most miserable accommodations or going without a school altogether. Such reports as the following are frequent: "Schoolhouses bad;" "The greatest trouble is want of money to build houses;" "The problem of comfortable houses for them is hard to solve;" "The colored schools of this county are at a low ebb, with no houses, and the people unable to build;" "It is almost impossible for them to build schoolhouses;" "They are too poor to build by taxation;" "Few have any tax-list, except a poll; hence the law allowing a tax to build is, for them, practically no tax at all." No doubt in some cases the want of suitable school buildings is a result of indolence or a lack of appreciation of the benefits of education, but there can be no doubt that poverty is the prevailing cause.

Other obstacles to negro education are the lack of qualified teachers and the size of the colored school districts, the latter especially in those States having a sparse colored population. Lewis County, Ky., 800 square miles in extent, forms a single colored school district. Of course in such a case it is not possible to locate the schoolhouse so that more than a few of the children can attend. The others are entirely deprived of school privileges. This condition of affairs—long distances to school—is of frequent occurrence, and it is not easy to imagine any remedy that can be devised to meet it. It is a condition of affairs that obtains in any thinly settled country, though bearing with special hardships upon the colored people, who are virtually deprived of the resource of home education.

With all these difficulties, however, the outlook is full of promise. It is only by comparing the present with the past—the schools of to-day with the condition of a people emerging from a state of human bondage and dense ignorance—that a proper estimate may be made of the ground that has been gained. Thirty years ago it was frequently an indictable offense to "teach or cause to be taught any slave or free person of color to read or write." As late as 1863, in the State of Delaware, a positive enactment was made against all assemblages for the instruction of colored people.

Now nearly one and a quarter million colored pupils daily attend the public schools and receive the rudiments of education, mainly at the expense of the white people of the South.

Further improvement is to be looked for on the lines already laid down. The teaching force is improving each year. The various colored normal, secondary, and superior institutions furnish their annual contingent to swell the ranks of the teachers. "The standing of their teachers in point of morals and learning is constantly growing better." "There is trouble securing teachers who can pass required examinations, but they are doing better on this point, and it is thought this impediment will soon disappear." Except in the event of assistance being granted by the Federal Government, it is to themselves that the colored people of the rural districts must look for means to supplement the State funds and to improve and extend their present school system. Signs are not wanting that substantial progress is being made in this direction. With the bettering of their material condition comes a fuller desire for intellectual training.

The reports of Superintendent Pickett, of Kentucky, furnish the most definite information on this point. One county superintendent says: "The (colored) common schools are improving in every respect. The grade of teachers is much better, schoolhouses are being improved, the people see that they can not get along without the common schools, but rely too much on the public fund."

Another: "Without education themselves, the colored people, with a devotion truly heroic and a self-sacrifice truly philanthropic, are making an effort to obtain for their children those blessings they have not enjoyed."

Another: "During the year a good schoolhouse has been built, and the interest is greatly increased."

Another: "The attendance during the last school year was better than ever before. A greater number of schoolhouses was built, and a larger amount supplementing the teachers' salaries was raised than ever before."

Another: "The colored people are laboring with commendable zeal to improve their schools. * * * Taxes have been levied in three districts to improve the houses."

THE NEGRO SCHOOLS OF MISSOURI.

The following information regarding negro education in Missouri is taken from the report of State Superintendent W. E. Coleman (1888-89):

"The negro schools are gradually increasing in numbers and efficiency. This may be attributed to the fact that, in addition to the teachers supplied by Lincoln institute and the high schools in the larger cities of the State, many educated negroes come to Missouri in search of positions as teachers, who have been educated in Northern States, in the same schools with the white children, but who are not permitted to teach in said States.

"Missouri has now more than 700 negro teachers employed in her public schools. These, of course, teach only negro children; but this is 700 more negro teachers than are employed in seven of the Northern States, and, in fact, more than are employed in the public schools of all the old free States.

"Experience has proven that those negroes who have lived in the South, and who are well educated, made better teachers than those who have lived altogether in the North. They get along better with both the whites and the negroes.

"Our law-makers have favored the negro children by legislation. While they do not have, as a general rule, so well-equipped schoolhouses, they are granted special privileges in other particulars that are denied to the white children of the district. To form a district for white children requires thirty children of school age; but if there are fifteen colored children in any school district the board is required and compelled to maintain a separate school for them for the same length of time the school for the white children is in session. White children who have no school facilities, who live in unorganized territory, if they attend a public school, have to pay tuition, while, at the same time, their parents are compelled to pay a four-mill school tax which goes to the organized districts of the county; but negro children, in a district with less than fifteen negro children by the last enumeration, are permitted to go to any negro school in the county free, and the district in which they reside must pay their tuition. This is not a privilege only; it is an absolute right they have under the law. Still we have a few negro fanatics, agitators, and would-be philanthropists, who are continually trying to stir up confusion and contention because a few negro children happen to live in districts remote from a negro school. They grow furious if the children have to walk two or three miles, while there are ten times as many white children who walk as far, and some farther, to attend their own district schools. The question is often asked, "How do the negro children learn?" Are they as apt as the white children? No, might be given as a definite answer; but that does not satisfy. The truth is there are not 1,000 full-blooded African children in the schools of this State. The negro population of Missouri is an amalgamated

race of people, in which the genuine negro and the Caucasian races have been mixed; and it is a fact, that can not be consistently denied, that when you have the opportunity to test the ability of the negro school children from six years old until they reach twenty it will become apparent that as they advance in the grades, from the primary department to graduation in the high school, the African characteristics drop out and the Caucasian predominate, thereby showing conclusively that the African is not capable of receiving and utilizing the school advantages afforded him with the readiness and to the extent of the Caucasian. Among the 700 negro teachers in Missouri, there are not ten of purely African antecedents.

"There are still a few communities in which the freeholders prefer to rent and lease their lands to negroes rather than to have white tenants occupy them, but who do everything in their power to deprive the negroes of their legal rights relative to schools and school privileges. The negroes are poor and can not afford to go to law, but submit, and their children are thereby defrauded out of their just rights, rights which are guaranteed to them by the laws of the State. My theory is that any community that prefers negro tenants should be compelled to support good schools for the children of such negro tenants."

CAPACITY OF THE NEGRO FOR EDUCATION.

The question of the capacity of the negro to receive education, which Superintendent Coleman touches upon in the preceding extract, has been often discussed. Mr. W. H. Baker, superintendent of the public schools of Savannah, Ga., asserted upon this point: "I desire to have it known that, as a result of my observation, which has been extensive, I am convinced that the colored people are exceedingly anxious to educate their children. The colored children in the schools of this city are making rapid progress. They not only show ability for learning what are termed the elementary branches, but seem to grasp without difficulty those studies which are included in the curriculum of what is classed as secondary education. I write this because for many years I held a contrary opinion."

The superintendent of Fleming County, Kentucky, reports: "The children advanced as rapidly as did those of the average white schools. Experience is teaching that the colored children can be almost as well educated, and in nearly the same time, as the white;" and from another county comes the following: "Colored people are taking more interest and advancing more rapidly in common school education than the whites"; and again: "The colored people greatly appreciate school privileges, and have made greater progress, under the circumstances, than have the whites."

John B. Cary, late superintendent of the public schools of Richmond, Va., in his account of the twentieth anniversary of the Richmond Colored Normal School, said: "As the subjects indicate, the exercises were of an interesting character, and clearly refuted the idea of those who maintain that the negro is incapable of mental culture. When it is known that our colored schools correspond in grades, instruction, and discipline with the white, subject to the same rules and regulations, it will be conceded, I think, that the people of Richmond are doing their full duty by them."

TABLE 4.—*Amount and disposition of the sums disbursed from the Slater fund from 1883 to 1889, inclusive.*

| | 1883. | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | Total. |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Alabama..... | \$2, 100 | \$2, 450 | \$5, 000 | \$3, 800 | \$4, 400 | \$4, 600 | \$3, 600 | \$25, 950 |
| Arkansas..... | | | | | 600 | 800 | 800 | 2, 200 |
| Florida..... | | | | | | 1, 000 | 800 | 1, 800 |
| Georgia..... | 6, 200 | 500 | 6, 814 | 5, 100 | 6, 200 | 6, 850 | 9, 700 | 41, 364 |
| Kentucky..... | | 1, 000 | 1, 000 | 700 | 700 | 700 | | 4, 100 |
| Louisiana..... | | 592 | 1, 400 | 1, 000 | 3, 100 | 3, 500 | 4, 100 | 13, 692 |
| Mississippi..... | 1, 000 | 2, 600 | 2, 000 | 2, 000 | 4, 450 | 4, 800 | 4, 400 | 21, 250 |
| North Carolina..... | 2, 000 | 740 | 4, 400 | 3, 600 | 4, 200 | 5, 300 | 5, 100 | 25, 340 |
| South Carolina..... | 2, 000 | 750 | 3, 500 | 2, 700 | 3, 660 | 4, 300 | 4, 000 | 20, 910 |
| Tennessee..... | 950 | 4, 325 | 7, 600 | 5, 800 | 6, 500 | 6, 500 | 6, 800 | 38, 475 |
| Texas..... | | 600 | 600 | 600 | 900 | 1, 360 | 1, 360 | 5, 420 |
| Virginia..... | 2, 000 | 2, 000 | 3, 000 | 3, 650 | 4, 190 | 4, 190 | 3, 150 | 22, 180 |
| District of Columbia..... | | 1, 000 | 1, 000 | 600 | 600 | 600 | | 3, 800 |
| Special..... | | 550 | 450 | 450 | 500 | 500 | 500 | 2, 950 |
| Total..... | 16, 250 | 17, 107 | 36, 761 | 30, 000 | 40, 000 | 45, 000 | 44, 310 | a220, 431 |

a The sum of \$45,000 has been appropriated for the year 1889-90.

TABLE 5.—*Expenditure of moneys derived from Peabody Fund, classified by race.*

ALABAMA, 1888-89.

| | | |
|--------------------------------------------------|----------|----------|
| White: | | |
| Thirteen scholarships at Nashville | \$2, 600 | |
| Normal schools | 2, 200 | |
| Birmingham Training School | 500 | |
| | | \$5, 350 |
| Colored: | | |
| Normal schools | | 800 |
| Unclassified: | | |
| Teachers' institutes (13 white, 9 colored) | 1, 250 | |
| Public schools | 1, 000 | |
| | | 2, 250 |
| | | 8, 400 |

ARKANSAS, 1888.

| | | |
|----------------------------|--------|--------|
| White: | | |
| Ten scholarships | | 2, 000 |
| Unclassified: | | |
| Public schools | 2, 200 | |
| Teachers' institutes | 1, 608 | |
| | | 3, 808 |
| | | 5, 808 |

GEORGIA, 1888.

| | | |
|-----------------------------|--------|--------|
| White: | | |
| Fourteen scholarships | | 2, 800 |
| Unclassified: | | |
| Newnan public schools | 500 | |
| Teachers' institute | 1, 042 | |
| | | 1, 542 |
| | | 4, 342 |

LOUISIANA, 1887-88.

| | | |
|----------------------------|--------|--------|
| White: | | |
| Eight scholarships | 1, 600 | |
| State Normal School | 2, 000 | |
| | | 3, 600 |
| Unclassified: | | |
| Public schools | 1, 000 | |
| Teachers' institutes | 1, 000 | |
| | | 2, 000 |
| | | 5, 600 |

NORTH CAROLINA, 1887-88.

| | | |
|-----------------------------|--------|--------|
| White: | | |
| Fourteen scholarships | 2, 800 | |
| Normal schools | 2, 015 | |
| | | 4, 815 |
| Colored: | | |
| Public schools | 200 | |
| Normal schools | 180 | |
| | | 380 |
| Unclassified: | | |
| Public schools | | 2, 105 |
| | | 7, 300 |

SOUTH CAROLINA, 1888-89.

| | | |
|----------------------------|--------|--------|
| White: | | |
| Ten scholarships | 2, 000 | |
| Normal school | 2, 000 | |
| | | 4, 000 |
| Colored: | | |
| Normal school | | 1, 000 |
| Unclassified: | | |
| Teachers' institutes | 167 | |
| Public schools | 4, 450 | |
| | | 4, 617 |
| | | 9, 617 |

TENNESSEE, 1886-87.

| | | |
|------------------------------------------------------------|---------|---------|
| White: | | |
| Fourteen scholarships | 2, 800 | |
| Peabody Normal College | 10, 000 | |
| | | 12, 800 |
| Unclassified: | | |
| Teachers' institutes (6 white, 3 colored in 1888-89) | | 1, 200 |
| | | 14, 000 |

TEXAS, 1887-88.

| | | |
|-------------------------|--------|--------|
| White: | | |
| Nine scholarships | 1, 800 | |
| Normal school | 2, 000 | |
| | | 3, 080 |

TABLE 5.—*Expenditure of moneys derived from Peabody Fund, etc.—Continued.*

| VIRGINIA, 1887-88. | | | |
|-----------------------------|---------|--|---------|
| White: | | | |
| Fourteen scholarships | \$2,800 | | |
| Normal school | 2,000 | | |
| Teachers' institutes | 1,691 | | |
| | | | \$6,491 |
| Colored: | | | |
| Normal school | 500 | | |
| Teachers' institutes | 380 | | |
| | | | 880 |
| | | | 7,371 |
| WEST VIRGINIA, 1886-87. | | | |
| White: | | | |
| Eight scholarships | | | 1,600 |
| Unclassified: | | | |
| Normal schools | 1,000 | | |
| Institutes | 1,500 | | |
| | | | 2,500 |
| | | | 4,100 |

TABLE 6.—*Statistics of institutions for the instruction of the colored race for 1888-89.*

| Location. | Name. | Religious denomination. | Instructors. | Students. |
|-----------------------------------------|---------------------------------------------------------------|-------------------------|--------------|-----------|
| NORMAL SCHOOLS. | | | | |
| Huntsville, Ala. | Central Alabama Academy | M. E. | 5 | 140 |
| Do. | State Colored Normal and Industrial School | Non-sect. | 10 | 257 |
| Mobile, Ala. | Emerson Institute | Cong. | 10 | 289 |
| Montgomery, Ala. | State Normal School for Colored Students | Non-sect. | 19 | 325 |
| Talladega, Ala. | Normal Department of Talladega College | Cong. | 3 | 35 |
| Tuskegee, Ala. | Tuskegee Normal and Industrial Institute | Non-sect. | 27 | 369 |
| Helena, Ark. | Southland College and Normal Institute* | | 5 | 61 |
| Pine Bluff, Ark. | Branch Normal College of Arkansas Industrial University. | Non-sect. | 7 | 200 |
| Washington, D. C. | Miner Normal School | Non-sect. | 7 | 40 |
| Do. | Normal Department of Howard University | Non-sect. | 6 | 163 |
| Tallahassee, Fla. | State Normal College for Colored Teachers | Non-sect. | 3 | 54 |
| Atlanta, Ga. | Normal Department of Atlanta University | Non-sect. | | 110 |
| Augusta, Ga. | The Paine Institute | M. E., So. | 8 | 129 |
| Cuthbert, Ga. | Howard Normal School * | Non-sect. | 2 | 124 |
| Thomasville, Ga. | Normal and Industrial School* | | 7 | 367 |
| New Orleans, La. | Normal Department of New Orleans University. | M. E. | | 17 |
| Do. | Normal Department of Straight University | Non-sect. | | 40 |
| Holly Springs, Miss. | Mississippi State Colored Normal School | Non-sect. | 3 | 163 |
| Jackson, Miss. | Jackson College | Baptist | 8 | 220 |
| Tougaloo, Miss. | Normal Department of Tougaloo University | Cong. | 3 | 25 |
| Jefferson City, Mo. | Lincoln Institute* | Non-sect. | 7 | 163 |
| Ashborough, N. C. | Ashborough Normal School | Friends | 2 | 75 |
| Fayetteville, N. C. | State Colored Normal School | Non-sect. | 3 | 153 |
| Goldsborough, N. C. | do | Non-sect. | 3 | 89 |
| Plymouth, N. C. | do | Non-sect. | 3 | 106 |
| Raleigh, N. C. | St. Augustine Normal School and Collegiate Institute.* | P. E. | 9 | 155 |
| Salisbury, N. C. | State Colored Normal School* | Non-sect. | 3 | 129 |
| Aiken, S. C. | Schofield Normal and Industrial School | | 8 | 302 |
| Charleston, S. C. | A very Normal Institute | Cong. | 6 | 250 |
| Greenwood, S. C. | Brewer Normal School* | Cong. | 3 | 186 |
| Knoxville, Tenn. | Slater Training School | | 5 | 239 |
| Memphis, Tenn. | Le Moyne Normal Institute | Cong. | 12 | 176 |
| Morristown, Tenn. | Morristown Normal Academy | M. E. | 6 | 269 |
| Nashville, Tenn. | Normal Department of Central Tennessee College. | M. E. | | 188 |
| Do. | Normal Department of Fisk University | Cong. | 6 | 48 |
| Do. | Normal Department of Roger Williams University | Bapt. | 6 | 221 |
| Austin, Tex. | Tillotson Collegiate and Normal Institute | Cong. | 13 | 234 |
| Hempstead, Tex. | Prairie View State Normal School | Non-sect. | 8 | 140 |
| Hampton, Va. | Hampton Normal and Agricultural Institute | Cong. | 61 | 651 |
| Petersburg, Va. | Virginia Normal and Collegiate Institute | Non-sect. | 13 | 326 |
| Harper's Ferry, W. Va. | Storer College | Non-sect. | 9 | 194 |
| Total | | | 316 | 7,462 |
| INSTITUTIONS FOR SECONDARY INSTRUCTION. | | | | |
| Athens, Ala. | Trinity School | Cong. | 5 | 186 |
| Marion, Ala. | Colored Academy | Cong. | | |

* Statistics of 1887-88.

TABLE 6.—Statistics of institutions for the instruction of the colored race, etc.—Cont'd.

| Location. | Name. | Religious denomination. | Instructors. | Students. |
|--------------------------------------------------------|---------------------------------------------|-------------------------|--------------|-----------|
| INSTITUTIONS FOR SECONDARY INSTRUCTION.— Continued. | | | | |
| Prattville, Ala. | Prattville Male and Female Academy <i>a</i> | Non-sect. | 5 | 293 |
| Talladega, Ala. | Talladega College | Cong. | 18 | 427 |
| Sacramento, Cal. | St. Joseph's Academy | Cath. | 10 | 300 |
| Jacksonville, Fla. | Cookman Institute | M. E. | 7 | 241 |
| Key West, Fla. | Convent of Mary Immaculate * <i>a</i> | Cath. | 13 | 120 |
| Live Oak, Fla. | Florida Institute | Bapt. | 5 | 92 |
| Athens, Ga. | Jewel Normal School | | 2 | 125 |
| Do. | Knox Institute | | 1 | 95 |
| Do. | Pierce Chapel | | 1 | 77 |
| Atlanta, Ga. | Atlanta Baptist Seminary | Bapt. | 6 | 148 |
| Do. | Spelman Seminary | Bapt. | 30 | 551 |
| Do. | Storr's School * | Cong. | 9 | 589 |
| Cave Spring, Ga. | Mercer Female Seminary | Bapt. | 1 | 25 |
| McIntosh, Ga. | Dorchester Academy * | Cong. | 4 | 248 |
| Macon, Ga. | Ballard Normal School | | 10 | 430 |
| Do. | Lewis Normal Institute * | Cong. | 10 | 372 |
| Mt. Zion, Ga. | Mt. Zion Seminary * | M. E. | 4 | 124 |
| Savannah, Ga. | Beach Institute * | Cong. | 8 | 321 |
| Tulleshassee, Ind. T. | Creek Freedman School | Bapt. | | |
| Lexington, Ky. | Lexington Colored Normal School | Cong. | 7 | 300 |
| Louisville, Ky. | State University | Bapt. | | |
| Williamsburg, Ky. | Williamsburg Colored Academy | Cong. | 7 | 307 |
| Winsted, La. | Gilbert Academy | M. E. | 12 | 299 |
| Clinton, Miss. | Mount Hermon Female Seminary | Non-sect. | 5 | 229 |
| Meridian, Miss. | Meridian Academy | M. E. | 3 | 185 |
| Ashborough, N. C. | Friends' Academy * | Friends. | 2 | 82 |
| Concord, N. C. | Scotia Seminary | Presb. | 14 | 224 |
| Leicester, N. C. | Brown Seminary * | M. E. | 2 | 100 |
| Greensborough, N. C. | Benlett Seminary * | M. E. | 5 | 127 |
| Wilmington, N. C. | Gregory Institute * | | 8 | 300 |
| South New Lyme, Ohio. | New Lyme Institute | | 8 | 282 |
| Philadelphia, Pa. | Institute for Colored Youth * | Friends. | 8 | 427 |
| Oxford, Pa. | Oxford Academy | Non-sect. | 6 | 74 |
| Charleston, S. C. | Wallington Academy | Presb. | 7 | 651 |
| Columbia, S. C. | Benedict Institute | Bapt. | 14 | 236 |
| Frogmore, S. C. | Penn Industrial and Normal School | Non-sect. | 10 | 240 |
| Grand View, Tenn. | Colored Academy * | Cong. | 3 | 92 |
| Jonesboro, Tenn. | Warner Institute * | Cong. | 3 | 112 |
| Knoxville, Tenn. | Knoxville College | U. Presb. | 12 | 257 |
| Mason, Tenn. | West Tennessee Preparatory School | M. E. | 3 | 149 |
| Morristown, Tenn. | Morristown Seminary and Normal Institute. | M. E. | 6 | 282 |
| Pleasant Hill, Tenn. | Colored Academy * | Cong. | 3 | 76 |
| Hearne, Tex. | Hearne Academy | Bapt. | 3 | 48 |
| Marshall, Tex. | Bishop College | Bapt. | 8 | 209 |
| Do. | Wiley University | M. E. | 13 | 230 |
| Waco, Tex. | Paul Quin College | Af. Meth. | 4 | 107 |
| Walnut, Tex. | Central College * | Non-sect. | 5 | 223 |
| Abbyville, Va. | School of the Bluestone Mission * | U. Presb. | 3 | 220 |
| Norfolk, Va. | Norfolk Mission School | U. Presb. | 10 | 453 |
| Richmond, Va. | Moore Street Industrial School | | 4 | 95 |
| Do. | Hartshorn Memorial College | Bapt. | 7 | 100 |
| Total <i>b</i> . | | | 354 | 11,480 |
| UNIVERSITIES AND COLLEGES. <i>c</i> | | | | |
| Selma, Ala. | Selma University | Bapt. | | |
| Little Rock, Ark. | Phillander Smith College | M. E. | 7 | 187 |
| Atlanta, Ga. | Atlanta University | Non-sect. | 221 | 356 |
| Do. | Clark University | M. E. | 12 | 68 |
| Washington, D. C. | Howard University <i>e</i> | Non-sect. | 9 | 59 |
| Berea, Ky. | Berea College | Non-sect. | 18 | 334 |
| New Orleans, La. | Leland University | Bapt. | 10 | 170 |
| Do. | New Orleans University | M. E. | 9 | 240 |
| Do. | Southern University | Non-sect. | 9 | 360 |
| Do. | Straight University | Non-sect. | 17 | 432 |
| Holly Springs, Miss. | Rust University | M. E. | 8 | 201 |
| Jackson, Miss. | Jackson College | Bapt. | | |

* Statistics of 1887-88.

a This institution is open to both races, and the figures given include some whites.*b* 169 students not included here were attending schools designed for whites.*c* Not including professional departments.*d* Number of instructors in all the departments.*e* 55 white students not included here were enrolled in the different departments of Howard University.

TABLE 6.—Statistics of institutions for the instruction of the colored race, etc.—Cont'd.

| Location. | Name. | Religious denomination. | Instructors. | Students. |
|-------------------------------------------------|----------------------------------------------------------------|-------------------------|--------------|-----------|
| UNIVERSITIES AND COLLEGES. <i>a</i> —continued. | | | | |
| Rodney, Miss..... | Alcorn Agricultural and Mechanical College..... | Non-sect..... | 7 | 216 |
| Charlotte, N. C..... | Biddle University..... | Presb..... | 7 | 138 |
| Raleigh, N. C..... | Shaw University..... | Bapt..... | 13 | 180 |
| Salisbury, N. C..... | Livingstone College..... | Af. M. E..... | 13 | 124 |
| Wilberforce, Ohio..... | Wilberforce University..... | Af. M. E..... | 9 | 241 |
| Columbia, S. C..... | Allen University..... | Non-sect..... | 20 | 946 |
| Orangeburg, S. C..... | Cladin University..... | M. E..... | 624 | 244 |
| Nashville, Tenn..... | Central Tennessee College..... | Cong..... | 17 | 451 |
| Do..... | Fisk University..... | Bapt..... | 8 | 63 |
| Do..... | Roger Williams University..... | | | |
| Total..... | | | 238 | 5,010 |
| SCHOOLS OF THEOLOGY. | | | | |
| Talladega, Ala..... | Talladega College..... | Cong..... | 1 | 16 |
| Tuscaloosa, Ala..... | Institute for Training Colored Ministers..... | Presb..... | 2 | 26 |
| Washington, D. C..... | Theological Department of Howard University..... | Non-sect..... | 6 | 38 |
| Do..... | Wayland Seminary..... | Bapt..... | 8 | 43 |
| Atlanta, Ga..... | Atlanta Baptist Seminary..... | Bapt..... | 5 | 147 |
| Do..... | Gammon Theological Seminary..... | M. E..... | 4 | 70 |
| New Orleans, La..... | Gilbert Haven School of Theology (New Orleans University)..... | M. E..... | 3 | 9 |
| Do..... | Theological Department of Leland University..... | Bapt..... | 2 | 30 |
| Do..... | Theological Department of Straight University..... | Non-sect..... | 4 | 20 |
| Baltimore, Md..... | Centenary Biblical Institute..... | M. E..... | 15 | 195 |
| Charlotte, N. C..... | Theological Department of Biddle University..... | Presb..... | 3 | 13 |
| Raleigh, N. C..... | Theological Department of St. Augustine's Normal School..... | P. E..... | 6 | 15 |
| Do..... | Theological Department of Shaw University..... | Bapt..... | 2 | 40 |
| Wilberforce, Ohio..... | Theological Department of Wilberforce University..... | Af. M. E..... | 2 | 8 |
| Columbia, S. C..... | Benedict Institute..... | Bapt..... | 7 | 236 |
| Do..... | Theological Department of Allen University..... | Af. M. E..... | 3 | 9 |
| Orangeburg, S. C..... | Baker Theological Institute (Cladin University)..... | | | |
| Nashville, Tenn..... | Theological Department of Central Tennessee College..... | M. E..... | 2 | 4 |
| Do..... | Theological Department of Fisk University..... | Cong..... | 1 | 9 |
| Do..... | Theological Department of Roger Williams University..... | Bapt..... | 1 | |
| Marshall, Tex..... | Bishop College..... | Bapt..... | 8 | 17 |
| Richmond, Va..... | Richmond Theological Seminary..... | Bapt..... | 4 | 63 |
| Totale..... | | | 89 | 1,008 |
| SCHOOLS OF LAW. | | | | |
| Washington, D. C..... | Law Department of Howard University..... | | 5 | 22 |
| New Orleans, La..... | Law Department of Straight University..... | | 4 | 8 |
| Columbia, S. C..... | Law Department of Allen University..... | | 1 | 5 |
| Nashville, Tenn..... | Law Department of Central Tennessee College..... | | 5 | 7 |
| Total..... | | | 15 | 42 |
| SCHOOLS OF MEDICINE, DENTISTRY, AND PHARMACY. | | | | |
| Washington, D. C..... | Howard University: | | | |
| | Medical Department..... | | 11 | 109 |
| | Pharmaceutical Department..... | | 1 | 16 |
| | Dental Department..... | | 3 | 11 |
| Raleigh, N. C..... | Leonard Medical College (Shaw University)*..... | | | 39 |
| Nashville, Tenn..... | Central Tennessee College: | | | |
| | Meharry Medical Department..... | | 9 | 55 |
| | Dental Department..... | | 6 | 11 |
| Total <i>d</i> | | | 30 | 241 |

* Statistics of 1887-88.

a Not including professional departments.*b* Number of instructors in all the departments.*c* 40 colored students of theology not included here were attending schools designed for whites.*d* 20 colored students not included here were enrolled in schools designed for whites.

TABLE 6.—Statistics of institutions for the instruction of the colored race, etc.—Cont'd.

| Location. | Name. | Religious denomination. | Instructors. | Students. |
|-------------------------|-------------------------------------------------------------------------------------------------------|-------------------------|--------------|-----------|
| | SCHOOLS FOR THE DEAF AND DUMB AND THE BLIND. | | | |
| St. Augustine, Fla..... | Florida Institute for the Deaf and the Blind <i>a</i> | | 2 | 10 |
| Danville, Ky..... | Kentucky Institution for the Education of Deaf Mutes (colored department). | | <i>b</i> 14 | 36 |
| Louisville, Ky..... | Kentucky Institution for the Education of the Blind (colored department). | | <i>b</i> 11 | 19 |
| Baltimore, Md..... | Maryland School for Colored Blind and Deaf Mutes.* | | 5 | 44 |
| Jackson, Miss..... | Institution for the Education of the Deaf (colored department). | | <i>b</i> 8 | 18 |
| Raleigh, N. C..... | North Carolina Institution for the Deaf and Dumb and the Blind (colored department). | | <i>b</i> 7 | 87 |
| Cedar Spring, S. C..... | South Carolina Institution for the Education of the Deaf and Dumb and the Blind (colored department). | | 2 | 17 |
| Nashville, Tenn..... | Tennessee School for the Blind (colored department). | | <i>b</i> 8 | 12 |
| Austin, Texas..... | Institution for the Deaf and Dumb and Blind Colored Youth. | | 3 | 44 |
| | Total <i>c</i> | | 60 | 287 |

* Statistics of 1887-88.

a Has three white pupils.*b* For the white and colored departments.*c* There were 166 colored pupils, not included here, in institutions designed for whites.

TABLE 7.—Summary of statistics of institutions for the instruction of the colored race for 1888-89.

| States and Territories. | Public schools. | | Normal schools. | | | Institutions for secondary instruction. | | |
|---------------------------|----------------------------|------------------|-----------------|-----------|---------|-----------------------------------------|-----------|---------|
| | Colored school population. | Enrollment. | Schools. | Teachers. | Pupils. | Schools. | Teachers. | Pupils. |
| Alabama..... | 226,925 | 105,106 | 6 | 71 | 1,445 | 4 | 28 | 906 |
| Arkansas..... | 106,300 | 56,382 | 2 | 12 | 261 | | | |
| California..... | | | | | | 1 | 10 | 300 |
| Delaware..... | <i>a</i> 7,070 | <i>b</i> 4,587 | | | | | | |
| Florida..... | <i>c</i> 52,865 | 34,008 | 1 | 3 | 54 | 3 | 25 | 453 |
| Georgia..... | <i>c</i> 267,657 | <i>c</i> 120,390 | 4 | 17 | 730 | 12 | 86 | 3,105 |
| Kansas..... | | | | | | | | |
| Kentucky..... | <i>c</i> 109,158 | 42,526 | | | | 3 | 14 | 607 |
| Louisiana..... | <i>c</i> 176,097 | <i>c</i> 51,539 | 2 | | 57 | 1 | 12 | 299 |
| Maryland..... | 68,409 | 34,072 | | | | | | |
| Mississippi..... | <i>e</i> 273,528 | 172,338 | 3 | 14 | 413 | 2 | 8 | 414 |
| Missouri..... | 48,478 | 32,168 | 1 | 7 | 168 | | | |
| North Carolina..... | <i>c</i> 216,837 | <i>b</i> 125,844 | 6 | 23 | 707 | 5 | 31 | 833 |
| Ohio..... | | | | | | 1 | 8 | 282 |
| Pennsylvania..... | | | | | | 2 | 14 | 501 |
| South Carolina..... | <i>f</i> 189,475 | 104,503 | 3 | 17 | 738 | 3 | 31 | 1,127 |
| Tennessee..... | 162,834 | <i>b</i> 94,435 | 6 | 35 | 1,141 | 6 | 30 | 968 |
| Texas..... | 139,939 | <i>g</i> 96,509 | 2 | 21 | 374 | 5 | 33 | 817 |
| Virginia..... | <i>h</i> 265,347 | 119,172 | 2 | 74 | 977 | 4 | 24 | 868 |
| West Virginia..... | 10,497 | 6,269 | 1 | 9 | 194 | | | |
| District of Columbia..... | <i>c</i> 18,200 | 13,004 | 2 | 13 | 203 | | | |
| Indian Territory..... | | | | | | 1 | | |
| Total..... | | 1,213,092 | 41 | 316 | 7,462 | 53 | 354 | 11,480 |

a In 1886.*b* In 1887-88.*c* In 1888.*d* Estimated.*e* In 1887.*f* U. S. Census of 1880.*g* Approximately.*h* In 1885.

TABLE 7.—*Summary of statistics of institutions for the instruction of the colored race for 1888-89—Continued.*

| States and Territories. | Universities and colleges. | | | Schools of theology. | | | Schools of law. | | |
|---------------------------|----------------------------|-----------|---------|----------------------|-----------|---------|-----------------|-----------|---------|
| | Schools. | Teachers. | Pupils. | Schools. | Teachers. | Pupils. | Schools. | Teachers. | Pupils. |
| Alabama..... | 1 | 7 | 187 | 2 | 3 | 42 | | | |
| Arkansas..... | 1 | | | | | | | | |
| California..... | | | | | | | | | |
| Georgia..... | 2 | 33 | 424 | 2 | 9 | 217 | | | |
| Kentucky..... | 1 | 18 | 334 | | | | | | |
| Louisiana..... | 4 | 45 | 1,202 | 3 | 9 | 59 | 1 | 4 | 8 |
| Maryland..... | | | | 1 | 15 | 195 | | | |
| Mississippi..... | 3 | 15 | 417 | | | | | | |
| North Carolina..... | 3 | 20 | 318 | 3 | 11 | 68 | | | |
| Ohio..... | 1 | 13 | 124 | 1 | 2 | 8 | | | |
| Pennsylvania..... | | | | | | | | | |
| South Carolina..... | 2 | 29 | 1,187 | 3 | 10 | 245 | 1 | 1 | 5 |
| Tennessee..... | 3 | 49 | 758 | 3 | 4 | 13 | 1 | 5 | 7 |
| Texas..... | | | | 1 | 8 | 17 | | | |
| Virginia..... | | | | 1 | 4 | 63 | | | |
| District of Columbia..... | 1 | 9 | 59 | 2 | 14 | 81 | 1 | 5 | 22 |
| Total..... | 22 | 238 | 5,010 | 22 | 89 | 1,008 | 4 | 15 | 42 |

TABLE 7.—*Summary of statistics of institutions for the instruction of the colored race for 1888-89—Continued.*

| States and Territories. | Schools of medicine. | | | Schools for the deaf and dumb and the blind. | | |
|---------------------------|----------------------|-----------|---------|----------------------------------------------|-----------|---------|
| | Schools. | Teachers. | Pupils. | Schools. | Teachers. | Pupils. |
| Florida..... | | | | 1 | 2 | 10 |
| Georgia..... | | | | | | |
| Kentucky..... | | | | 2 | 25 | 55 |
| Maryland..... | | | | 1 | 5 | 44 |
| Mississippi..... | | | | 1 | 8 | 18 |
| North Carolina..... | 1 | | 39 | 1 | 7 | 87 |
| South Carolina..... | | | | 1 | 2 | 17 |
| Tennessee..... | 1 | 15 | 66 | 1 | 8 | 12 |
| Texas..... | | | | 1 | 3 | 44 |
| District of Columbia..... | 1 | 15 | 136 | | | |
| Total..... | 3 | 30 | 241 | 9 | 60 | 287 |

TABLE 8.—*Number of schools for the colored race and enrollment in them by institutions, without reference to States.*

| Class of institutions. | Schools. | Enrollment. |
|--------------------------------------------------|----------|-------------|
| Public schools..... | | 1,213,092 |
| Normal schools..... | 41 | 7,462 |
| Institutions for secondary instruction..... | 53 | 11,480 |
| Universities and colleges..... | 22 | 5,010 |
| Schools of theology..... | 22 | 1,008 |
| Schools of law..... | 4 | 42 |
| Schools of medicine..... | 3 | 241 |
| Schools for the deaf and dumb and the blind..... | 9 | 287 |
| Total..... | 154 | 1,238,622 |

Some idea of the work of Central Tennessee College may be obtained from the following extract taken from the catalogue of 1889-90:

"A large portion of the students have been teachers and are at school preparing for better work. Others are getting ready to teach. Most of these have charge of Sunday schools in connection with day schools, thus aiding in the religious instruction of the communities where they labor. Hundreds of students educated here are working among their people as advocates of total abstinence from all intoxicating liquors and tobacco. Most of them are professed Christians, and infuse the Christian spirit into their work. Some are successful preachers in the different branches of Methodism, as well as in other denominations. Over 100 have been graduated in the medical department, and most of them are now practicing successfully. There are more than 5,000,000 of colored people in the South who are asking for more competent teachers, better educated lawyers, doctors, and preachers who can teach the people; better educated farmers and mechanics, and more enlightened wives and mothers to elevate the home life of the entire people."

Rev. H. M. Tupper, of Shaw University, Raleigh, N. C., says:

"Essentially the same methods and system of grading have been followed as in previous years. In the cook and dining rooms 102 girls have received instruction and been employed 1 hour per day under an experienced matron, and the improvement in order, neatness, and efficiency has been marked; also more interest and desire to excel on the part of the young ladies have been manifest than during any previous year. The same may be said in regard to the department of sewing, which is under the supervision of a very competent instructor in the different branches of needlework. Plain sewing is first taught, then cutting and putting together plain garments, the making of buttonholes; also systematic dressmaking and various kinds of fancy work. This department is well graded, and the pupils are advanced according to their proficiency. The results of the year, on the whole, have been most gratifying.

"In the male department there have been four teachers, and instruction has been given in carpentry, furniture-making, house-painting, whitewashing, kalsomining, and glazing. Others have engaged in mason work, landscape-gardening, and care of grounds. In this way we supply every want of the school, manufacturing all kinds of furniture needed, and repairing and doing any kind of carpenters' work. About 200 young men have been given instruction and employed in the different departments of industrial work, and we propose early next session to establish a printing department, as the tendency is, in some kinds of our industrial work, that the classes are crowded, making it difficult for the teacher to give the needed supervision and instruction.

"In reviewing the history of our industrial work in all its phases and bearings, *I pronounce it a grand success*, second in importance to no other department of the school, and I am doing my best from year to year to introduce such improvements as will more and more accomplish the best possible results. I find it requires experience, patience, and no little amount of firmness and energy to maintain a high standard of efficiency in the several departments of industrial work, even more effort than is necessary to secure excellence in the literary departments of the school."

Rust University, Holly Springs, Miss.:

"In the department of shoemaking twenty-eight young men have been instructed during the year, and the result proves to be in advance of our expectations.

"In the department of carpentry fifty-three young men have been instructed in the use of tools. With the advantages gained by the erection of a new industrial hall, which will be completed in a few weeks, much greater progress in both shoemaking and carpentry is promised.

"In typesetting nine young men and seven young women have worked, and not only gained knowledge under the faithful instruction of an experienced printer, but as well sent out about 1,000 copies of Rust Enterprise monthly, the work of which proves their interest and efficiency.

"The nurse-training department has done excellent work. Sixteen young women have been carefully and systematically instructed. This is a department that needs development to meet the actual demands of the times. With a prescribed course of study of 4 years we expect to make this a power for good."

LeMoyne Institute, Memphis, Tenn.:

"This school commands the confidence and respect of all. Among the best teachers in public schools in the Mississippi Valley on both sides of the river are the graduates of LeMoyne Institute."

Meharry Medical Department of Central Tennessee College, Nashville, Tenn.:

"This school has conferred the degree of M. D. on one hundred and four young men, nearly all of whom are now engaged in the successful practice of their profession. They have been kindly received by the white physicians, whose uniform testimony is that the colored physicians sent out by this school give evidence of very thorough preparation for their work.

"In each of the Southern States south of Virginia one or more of our graduates are now practicing medicine, and in quite a number of Southwestern States. Their record is one that no college need be ashamed of."

President Tupper says of the work of Leonard Medical School of Shaw University, Raleigh, N. C., and on the general subject of colored men in medicine:

"The graduates of last year more than met expectations, and won for themselves much honor before the North Carolina and Virginia State medical boards. Only one failed to pass, while others stood among the first in scholarship. Before the North Carolina medical board, in a class of some forty white applicants for license to practice medicine, one of the graduates of the Leonard Medical School led the class in six branches of medicine, but failed in two questions in chemistry. One thing has been clearly proved, that the best minds among the colored people can successfully master the different branches of medicine and make good physicians, but the medical men find it more difficult, perhaps, the fault to some extent being in their preliminary training, and in such cases the only safe remedy seems to be to allow the student to remain after the expiration of the 4 years' course until he can bring himself up to our standard of graduation."

"This is fair to the student and avoids the danger of letting loose on the community a class of graduates who have continued in school the prescribed number of years, but have not thoroughly mastered the different branches of medicine. In this connection, I wish to bear testimony that in a long experience as student and teacher I have never seen young men make so earnest and persistent efforts to succeed in their studies and qualify themselves for their profession, and we have to introduce restraints to protect their health rather than incentives to industry and study."

"During the past year we have raised the standard of qualifications for entrance into our medical school, and several who were expecting to be admitted were required to spend an extra year in preliminary studies, and yet the new class is a third larger than any preceding one."

"All of our graduates thus far have settled in the larger cities of the South, and without a single exception have readily entered into a good practice, and have the confidence of the colored people and the good-will and respect of the white physicians."

From catalogue of Atlanta University, 1889-90:

"Nearly all the graduates and many others who have left before finishing their course are engaged in teaching during a part or all of the year. Besides these, during the 4 months of the summer vacation a large number of students engage in teaching, and it is estimated that over 10,000 children in Georgia are taught annually by those who have been connected with the institution."

From report of B. T. Washington, president of the Tuskegee (Alabama) Colored Normal School:

"While the air is full of speculation as to the solution of the 'Negro problem,' it seems to me that the fact that a negro normal school of 400 students could exist for 8 years in the midst of a white community with perfect good feeling on all sides proves that the problem left to the judgment of the commonsensical and conservative among both races will soon solve itself. Education of the right kind is the only solution of the race problem."

"Eight years' experience of combining mental and industrial training proves (1) that the two can be so combined as not to hinder the mental training; (2) that enough profitable work can be done by the students to materially decrease their boarding expenses; (3) that the habits of industry growing out of an industrial training stick to the students after they graduate and prevent their becoming 'stuck-up' loafers when not teaching; (4) that the industrial training tends in the highest degree to develop moral character. The industries taught at present are farming, brick-making, wheelwrighting, blacksmithing, saw-mill work, carpentry, painting, plastering, brickmasonry, printing, mattress-making, harness-making, sewing, laundry work, cooking, and general housekeeping. Students work at these industries on an average of 1½ days in each week and are in the class-room the remainder of the time."

The catalogue of Southern University, New Orleans, La., 1889-90, says of the industrial department:

"This department, organized 4 years ago, is receiving much commendation. It has proven a success, and is a department that reflects great credit on the pupils."

"A large number of girls have learned to make garments, rugs, and household articles of various kinds. This work is regularly and systematically graded, beginning with the plain and simple and advancing to the costly and intricate. The pupils furnish their own materials."

"Students in this department are thoroughly instructed in all manner of needle-work and in cutting and fitting. Those who complete a course in this department receive a certificate stating the same. We design the addition of such industries as will afford them the means of earning an honorable and competent livelihood."

At Clark University, Atlanta, Ga., a brick building, 100 by 40 feet and two stories

high, has been erected for the industrial department. The boys are taught carpentry, wheelwrighting, painting, and harness-making. In the printing office they are instructed in that business. The girls are taught to be trained nurses, and in cooking, dressmaking, cutting, etc.

At Fisk University, Nashville, Tenn., a printing office has been furnished by a special appropriation from the John F. Slater fund, and instruction is annually given to fifteen young men in the various kinds of work that belong to a job office.

Instruction in wood-working is also given under the direction of a graduate of the mechanical department of Pennsylvania State College. Two hours each week are given to working in wood, and the results of the first year's efforts have been quite satisfactory, and the influence on general scholarship has been beneficial.

In the nurse-training department the students have been taught the right methods of caring for the sick and those who have met with accidents, and in the laws of hygiene. Instruction has also been given in cooking and in the nutritive values of the different foods and their comparative cost. Dressmaking and plain sewing have also been taught.

The catalogue for 1889-90 of Atlanta University contains a list of the graduates from 1871 to 1889, inclusive, and also the business of each, so far as learned. Of the 148 persons whose names are given, 120 are teachers, 9 preachers, and 19 are engaged in other pursuits.

"The boys of the college, college preparatory, and normal classes, and the first two grades of the grammar school course, are taught the use of tools.

"The boys are also taught some of the principles of farming and gardening. Attention is given to the raising and care of stock, to the raising of fodder crops, their comparative value and fitness for this soil and climate. The cultivation of vegetables is encouraged by competition and prizes for the best results.

"The girls are taught various branches of household science, such as plain sewing, dressmaking, cooking, and nursing the sick, under experienced teachers.

"An outfit of type and other printing material has been purchased for instruction in printing, and additions of material will be made as our funds allow.

"Classes in printing have been organized, a monthly paper, the *Bulletin*, has been issued, and most of the job printing of the institution has been done by student labor."

In New Orleans University facilities are afforded for the daily instruction of 50 young men in carpentry, cabinet-making, and upholstering. A printing office has also been opened, in which all the work of a job office will be taught. The girls receive instruction in dress cutting and making. In the nurse-training department a full course of instruction is given in everything properly belonging to that department.

ALABAMA.

Separate schools for the two races are required. (Sch. L's, 1885, p. 29, sec. 52.) Also required by the Constitution. (Sch. L's, 1885, p. 3, sec. 1.)

The poll taxes (\$1.50 on each male citizen between 21 and 45 years of age, collected in each county, shall be retained therein for the public schools thereof. (Sch. L's, 1885, p. 6, par. 6.)

Poll taxes paid by each race in each township or school district must be used for that race in that township or district. (Sch. L's, 1885, p. 32, sec. 60.)

The State superintendent of education shall apportion the school fund according to school population to each township or district, and for each race therein. (Sch. L's, 1885, p. 30, sec. 56, *et seq.*)

The whole amount apportioned in 1888-89 was \$370,420.56, of which the 273,994 white children received \$204,911.93, and the 212,931 colored children received \$165,508.63; 74.8 cents for each white child and 77.7 cents for each colored child. (Sch. Rep., 1889, p. 107.) The whole amount disbursed, including local funds, was \$690,390.22 (p. 10).

According to the school laws published in 1835 (p. 12) the teachers were paid by the county superintendents quarterly. It seems that by the present laws they are paid directly from the State treasury, the county superintendents simply delivering the money sent to each teacher. (Rep. of 1833, p. 27, and Rep. of 1886, p. 19.)

"All local school funds raised for the support of public schools, by taxation or otherwise, shall be apportioned and expended in the district or districts where such funds have been raised, under such rules and regulations as the district superintendent of public schools of said district, or other local board provided by law, may prescribe; but this section shall not be construed to repeal any provision for the apportionment and disbursement of the moneys mentioned in this article [Art. VII], provided for in special or local laws" (Sch. L's, 1885, p. 34).

In addition to the \$165,508.63 apportioned to the colored schools, they were entitled to the poll taxes paid by colored voters. From these funds colored teachers were paid \$201,217.82, and, in addition, \$7,000 were paid to colored normal schools. (See Rep. 1889, p. 10.) This gives \$1.14 to each white child and 93 cents to each colored

child. It is probable that a larger proportion of the colored voters failed to pay the poll tax, as was true in North Carolina, where a record was kept of the poll-tax receipts from each race.

The apportionment in 1886-88, was as follows: White children (251,606), \$190,-182.45, or 76 cents for each; colored children (201,331), \$156,634.87, or 78 cents for each. (See Rep. 1888, p. 100.)

The disbursements of State fund, including poll tax, was as follows: White teachers and normal schools, \$304,384.40, or \$1.21 for each child. Colored teachers and normal schools, \$207,380.42, or \$1.03 for each child. (See Rep. 1888, p. 8.)

"In making the apportionment of school money to the several school districts the superintendent of education shall first set apart to each township or other school district the amount due from the State to each district as interest on its sixteenth-section fund, or other trust fund held by the State; and all townships or school districts which have an income from trust funds in the hands of the State, or from lease or sale of their sixteenth-section lands, shall not receive anything out of the balance of the educational fund to be apportioned until all other townships or school districts having no trust fund shall have received from the general fund such sum as will give them an equal per capita apportionment with the townships and districts having such trusts and incomes.

"The superintendent of education shall apportion the educational fund to the respective townships or school districts subject to the provisions of the preceding section, according to the latest official returns of the enumeration of school population of the townships or other districts which have been made to his office; and he shall also apportion the fund for each township between the races therein; but whenever the superintendent of any township or district has failed to make and return the census enumeration of his township or district, as required by law, the superintendent of education shall make the apportionment to such township or district according to the best information he can obtain as to the school population of such townships or district; but in no event shall he, in case of such failure, estimate the school population of any such district or township at more than the number shown by the last official report thereof to his office.

"As soon as the superintendent of education shall have made the apportionment of school money as hereinabove provided, he shall record the same in his office in books kept for that purpose, showing the amount which he has apportioned to each school district in the State, and specifying from what source or sources the same was derived, the amount to each race in the township, and the number of children of each race in the district upon which the apportionment was based; and he shall then furnish to each county superintendent of education a certified copy from such books, showing the dividends of educational fund to each township or district under the supervision of such county superintendent of education, and the amount so divided and certified shall be the total amount which each of such school districts shall be entitled to receive from the State, except the poll tax, during the then current scholastic year; and no contract to pay for any school or schools, for any district, more than the amount thus apportioned to it, together with such poll tax as it may receive, and such funds as may be in hand from previous years, shall be valid against the State or township." (pp. 30-31, secs. 55-57.)

ARKANSAS.

"He [the State superintendent] shall, on the first Monday of July and on the first Monday of January of each year, make a pro-rata apportionment to the several counties of the State of the remaining revenues in the State treasury available for distribution for school purposes, on the basis of the number of persons between the ages of six and twenty-one years residing in the said counties, respectively, on the first Monday of July previous; and he shall publish a statement of the same, and as early as practicable shall transmit a copy thereof to each county examiner, and to each of the several treasurers in the State, and to each county clerk, who shall submit the same to the county court at its next term; and he shall thereupon draw his requisition on the State auditor in favor of the treasurers of the several counties for such amounts as the said counties may be entitled to receive for the support of free common schools." (Sch. L's, 1889, p. 16.)

"The county court, immediately on receiving notice of the distributive share of school revenue apportioned by the State superintendent to each county, shall proceed to apportion to the several school districts of the county, in proportion to the number of persons between the ages of six and twenty-one years residing within the school district, respectively, on the first Monday of July previous, the said school revenue apportioned to the county, and shall forward to the county treasurer, and to each of the directors of each district, a statement of such apportionment, carefully distinguishing the sources from which the school revenue so apportioned are

derived, and the amount due each school district in the county from each separate source, and shall see that the revenues from the public-school fund are invariably paid to the county and to the school district strictly in accordance with the apportionment made to them." (Sch. L's, 1889, p. 20.)

"The said board [of district directors] shall make provision for establishing separate schools for white and colored children and youths, and shall adopt such other measures as they may judge expedient for carrying the free-school system into effectual and uniform operation throughout the State, and providing, as nearly as possible, for the education of every youth." (Sch. L's, 1889, p. 30.)

The teachers are paid by the county treasurers, on warrants of the district board of directors. (Sch. L's, 1889, p. 38.)

The reports for the years 1885-88 do not show the amounts distributed to white and colored schools separately.

DELAWARE.

"The levy courts in the several counties of this State are authorized and required, annually, in the month of April, to lay and apportion a tax of thirty cents in the hundred dollars, and so pro rata, upon the assessments of the real and personal property and poll of colored persons, as they shall stand upon the assessment lists of the several hundreds, which shall be set apart as a separate and distinct fund for the support and maintenance of colored schools in this State. The warrant required to be issued to the collectors of the several hundreds shall include the taxes levied under this act. The said taxes shall be collected by the collectors aforesaid, by the same process as other taxes now are, and [they shall] pay over the same as hereinafter directed.

"All moneys collected under this act shall be paid as other taxes to the county treasurer in each county, which he shall keep as a separate fund, and which shall be paid by him to the treasurer of the 'Delaware Association for the Education of Colored People;' and at the time of each and every payment he shall furnish the association with a statement showing the respective amounts received by him from the different hundreds of his county. The fund arising under the provisions of this act and paid to said association shall be applied to the support and maintenance of colored schools throughout this State, and shall be distributed by said association as follows, to wit: The said association shall take the statement furnished by the county treasurer and distribute to each hundred the amount paid to the treasurer by each hundred, under the provisions of section 1 of chapter 48, vol. 15. And in case there shall not be any school kept and maintained in any hundred during any year, the amount paid in from said hundred shall be retained and held by said association until a school or schools shall be organized and kept in each hundred, when it shall be applied toward the support of such school or schools." (Sch. L's, 1881, p. 37.)

In 1888 the State also made a direct appropriation of \$5,364 for the colored schools, which was \$1.50 for each one of the 3,570 colored children enrolled in schools. The number of white children enrolled in 1886 was 29,421; the amount of State appropriation was \$60,606.52, or \$2.06 for each child enrolled. (See Rep. 1887.)

FLORIDA.

"Provision shall be made by law for the distribution of the common-school fund among the several counties of the State in proportion to the number of children residing therein between the ages of four and twenty-one years." (Constitution, Art. VIII, sec. 7, as found in the Sch. L's, 1885, p. 4.)

"The superintendent of public instruction shall annually apportion the interest on the common-school fund, and the fund raised by the one-mill tax,* authorized by sections 4 and 5 of Article VIII of the Constitution, among the several counties of the State, in proportion to the number of children residing therein between the ages of four and twenty-one." (Sch. L's, 1885, p. 8.)

The county board of public instruction is required "to apportion moneys to the different schools in proportion to the average attendance of pupils: *Provided*, That reasonable exception may be made in favor of small schools in neighborhoods where the number of youth who should attend is small and their average attendance at school ranges high." (Sch. L's, 1885, p. 10.)

The county board of public instruction are also required "to locate and maintain schools in every locality in the county where they may be needed, to accommodate, as far as practicable, all the youth between the ages of six and twenty-one years during not less than three months in each year." (Sch. L's, 1885, p. 9.)

The school reports of 1889 and 1890 do not contain tables giving the appropriations for white and colored schools separately.

* The one-mill tax fund is now retained in the counties. (p. 24.)

GEORGIA.

"It shall be the duty of the State school commissioner to disburse the common-school fund in the following manner: He shall annually apportion equitably the State school revenue to the different counties of the State upon the basis of the aggregate of children between six and eighteen years of age in each county. After the annual apportionment of the State school fund has been made, and when the county school commissioner of any county shall give official notice to the State school commissioner that the common schools of his county are within three weeks of closing, the latter named officer shall execute an order on the tax collector of the county in favor of the county school commissioner for the quota of the common-school fund apportioned to the county, signing the order officially and affixing thereto his seal of office, and transmit the same to the county school commissioner." (Sch. L's, 1889, p. 7, sec. 8.)

"The State school commissioner shall send the notice of apportionment to the tax collector of each county as soon as the apportionment is made, and it shall be the duty of the tax collector to retain in his hands, of the taxes first collected, a sufficient amount to pay the sum mentioned as the county's quota in the notice of apportionment, and to pay the same to the county school commissioner as soon as the order of the State school commissioner is presented. (*Ibid.*, p. 7, sec. 9.)

"The academic and calendar or civil years shall be coincident, and it shall be the duty of the school commissioner, by the 15th day of January of each year, or as soon thereafter as practicable, to communicate to the county board of education of each county an approximate estimate, computed upon the same basis as that mentioned in section eight of this act, of the pro rata part of the State school fund falling to said county for that year, and as soon thereafter as the county board shall communicate satisfactory evidence to the State school commissioner that arrangements have been made by them, by taxation or otherwise, for continuing the common schools, free to all, in operation for at least three months in the year throughout the entire county, as hereinafter provided, said county shall be deemed and held entitled to draw her proportionate part of the State fund through the appointed channels whenever said fund is ready for distribution." (*Ibid.*, p. 18, sec. 3.)

"The apportionment of the State school fund required by the eighth section of this act shall be made by the State school commissioner each year by the first of July, or as soon thereafter as practicable, and when the funds drawn under that apportionment, as well as any other school funds raised by local taxation, are placed in the hands of any county [school] commissioner, he shall be holden for all amounts so received upon his official bond as treasurer, and shall disburse the same only upon the order of the county board of education, and the said county commissioner shall not be entitled to compensation for receiving any school funds but as provided herein." (*Ibid.*, p. 19, sec. 42.)

"It shall also be the duty of said [county] board of education to make arrangements for the instruction of the children of the white and colored races in separate schools. They shall, as far as practicable, provide the same facilities for both races in respect to attainments and abilities of teachers and length of term-time; but the children of the white and colored races shall not be taught together in any common or public school of this State." (*Ibid.*, p. 11, part of sec. 21.)

The school reports for the years 1887-1890 do not show the amounts paid to white and colored schools separately.

KENTUCKY.

"The superintendent of education shall, on or before the first day of July in each year, ascertain and estimate for the school year the *pro rata* share each child will be entitled to, according to the whole number of children between the ages of six and twenty years in the State, and the proportion thereof each county and each school district will be entitled to according to the whole number of such children residing in each county and each school district respectively, as shown by the returns of the county superintendent. If at the time of making such estimate and apportionment the census returns of the superintendent for any county have not been made to him, he shall use the census returns made for the previous year. It shall be the duty of the auditor to furnish the superintendent of public instruction such data as may be needed in making said estimate and apportionment. It shall be the duty of the superintendent of public instruction, on or before the first day of July, to file a copy of said estimate and apportionment with the auditor, and to inform each county superintendent of the amount to which each school district of his county will be entitled. Whatever difference may exist between the estimated and the actual revenue of the school fund for any school year shall be taken into the account of the estimate and apportionment for the succeeding school year." (Sch. L's, 1886, p. 8, sec. 8.)

"The county superintendents shall pay the teachers their salaries direct, upon the certificate of the trustees that the school has been taught." (Sch. L's, 1886, p. 28, sec. 21.)

"Colored school trustees for each colored school district shall be elected at the same time and in the same manner that white trustees are elected: *Provided, however*, That no tax shall be levied upon the property or poll, or any services required of any white person for the benefit of a school for colored children, and no tax shall be levied upon the property or poll, or any services required of any colored person for the benefit of a school for white children. And no colored person shall be allowed to vote for a trustee of a white school; and no white person shall be allowed to vote for a trustee of a colored school. It shall not be lawful, under any of the provisions of this act, for any white child to attend any common school provided for colored children, or for any colored child to attend any common school provided for white children." (Sch. L's, 1886, p. 49, sec. 3.)

"By act of April 24, 1882, the annual 'capitation tax of one dollar on each male colored person above the age of twenty-one years,' for the benefit of the colored schools, was repealed by the general assembly. In view of the tax being confined to the colored people, although exclusively for the benefit of the colored schools, it had been pronounced unconstitutional by the United States district court. The abolition of this tax, which had been the most fruitful source of support to the colored schools, was the main cause of the reduction of the auditor's estimate of \$41,644.52 for the school year 1882, to \$12,007.78 for the school year 1883, which alone, not deducting the contingent expenses of the department, would have yielded a *per capita* of only \$0.13. Just at this crisis the act levying an additional 'tax of two cents on each one hundred dollars of property in this Commonwealth subject to taxation for State revenue purposes,' for the benefit of the common-school fund, equalizing the *per capita* and the school ages for the white and the colored school children, was submitted by authority of the general assembly to the qualified voters of the Commonwealth for their ratification or their rejection. The act was confirmed by the people at the polls." (Sch. Rep., 1886, p. 2.)

The apportionments have been as follows:

In 1885, to the 514,167 white children of school age, \$796,958.85; to the 97,839 colored children of school age, \$151,650.45, or \$1.55 to each white and colored child.

In 1886, to the 524,274 white children, \$865,052.10—\$1.65 for each; to the 99,654 colored children, \$164,429.10—\$1.65 for each. (Sch. Rep., 1886, pp. 21, 22.)

In 1888, to the 549,592 white children, \$1,044,224.80—\$1.90 for each; to the 107,144 colored children, \$203,573.60—\$1.90 for each.

In 1889, to the 555,822 white children, \$1,139,435.10—\$2.05 for each; to the 109,518 colored children, \$223,773.90—\$2.05 for each.

In 1890, to the 565,451 white children, \$1,215,719.65—\$2.15 for each; to the 111,355 colored children, \$239,413.25—\$2.15 for each. (Sch. Rep., 1888-89, Statis. Tables.)

LOUISIANA.

"The State superintendent of public education shall quarterly, on the first Monday in March, June, September, and December, in each year, apportion the funds appropriated by the general assembly for the support of the common schools of the State, among the several parishes of the State, according to the number of children between the ages of six and eighteen years in each parish: *Provided, however*, That all the poll tax collected in any parish shall be appropriated to said parish. The amount so apportioned shall be paid by the State treasurer to the school treasurer of each parish upon the warrant of the State superintendent of public education." (Act No. 81, 1888, p. 11, sec. 53.)

"The parish board of directors" shall apportion the school fund to the several districts in the parish in proportion to the number of persons in the district between the ages of six and eighteen years, and shall determine the number of schools to be opened, the location of the schoolhouses, the number of teachers to be employed, their salary; and the said school board is entrusted with seeing that the provisions of the law are complied with." (P. 2, sec. 7.)

"The parish treasurer in every parish (the parish of Orleans excepted) shall be and is constituted the treasurer of all school funds apportioned by the State to such parish, or raised, collected, or donated therein for the support of the free public schools; he shall receive and receipt for all such funds to the treasurer of the State, and to the collector of parish taxes." (P. 12, sec. 56.)

"Said treasurer [of the parish] shall pay out the school funds intrusted to his charge only on warrants drawn by the president and countersigned by the secretary of the parish school board, and shall state against what school district fund it was drawn, which warrants shall be drawn by these officers only in virtue of appropriations regularly made by the parish board." (P. 12, sec. 59.)

The school reports for the four years 1886-1889 do not show the amounts expended for white and colored schools separately.

Average duration of white schools :

| | Months. |
|---------------|---------|
| In 1883 | 4.75 |
| In 1889 | 5.50 |

Average duration of colored schools :

| | |
|---------------|------|
| In 1888 | 4.55 |
| In 1889 | 4.72 |

(Sch. Rep., 1888-89, p. 147.)

MARYLAND.

CHAPTER XVIII.—Schools for Colored Children.

"SECTION 1. It shall be the duty of the board of county school commissioners to establish one or more public schools in each election district for all colored youth between six and twenty years of age, to which admission shall be free, and which shall be kept open as long as the other public schools of the particular county : *Provided*, The average attendance be not less than fifteen scholars.

"SEC. 2. Each colored school shall be under the direction of a special board of school trustees, to be appointed by the board of county school commissioners, and shall be subject to the same laws for its government and furnish instruction in the same branches as the schools for white children.

"SEC. 3. The comptroller shall apportion the sum appropriated for the support of the colored schools of the several counties and the city of Baltimore in proportion to their respective colored population between the ages of five and twenty years, said apportionment to be made at the time he apportions the levy for the white schools.

"SEC. 4. The total amount of taxes paid for school purposes by the colored people of any county, or in the city of Baltimore, together with any donations that may be made for the purpose, shall also be devoted to the maintenance of the schools for colored children." (Sch. L's, 1874, p. 27.)

"As soon as the comptroller shall have received from the city of Baltimore and the several counties returns of the amount of the State school tax levied in each county and the city of Baltimore, he shall immediately thereafter apportion the amount of the whole levy to the several counties and the city of Baltimore, in proportion to their respective population between the ages of five and twenty years." (Sec. 5, p. 28.)

In 1888-89 the amount of the State school tax appropriated for the 226,806 white children was \$405,001.02, which was \$1.78 for each white child; the amount appropriated for colored children was \$118,049.77, which gave \$1.72 for each one of the 68,409 colored children. It is not shown whether any part of the free-school and academic funds was given to the colored schools, but it appears that none of it was so bestowed. (Sch. Rep., 1889, p. XLIX.)

The legislature enacted in 1888 "that the sum appropriated to colored schools shall be raised from \$100,000 to \$125,000 : *Provided*, That if the amount paid into the treasury on account of the tax for public schools shall not amount to \$125,000, then the amount distributed to colored schools in excess of \$100,000 shall only be the amount paid into the treasury from said tax in excess of \$500,000." (Sch. Rep., 1888, p. X.)

The amount appropriated for the 226,806 white children in 1887-88 was \$398,744, or \$1.76 for each child; the amount appropriated for the 68,409 colored children was \$98,016.12, or \$1.43 for each child. (Sch. Rep., 1888, p. LXIV.)

MISSISSIPPI.

"All school funds shall be divided *pro rata* among the children of school ages." (Art. 10 of Const., sec. 10.)

"The school board shall have full power to lay off or alter the school districts of the county, and they shall make separate districts for the two races. In each district thus established, one school shall be maintained for at least the constitutional period of four months in each year." (L's, 1890, p. 16, sec. 40.)

It shall be the duty of the county treasurer "to receive and receipt for all moneys on account of school funds of the county; to pay money out of the common-school fund upon the order of the county superintendent of education, approved by the board of supervisors, except in case of teachers' warrants, which shall be paid upon approval of the superintendent aforesaid, upon the warrant of the clerk." (P. 23, sec. 72.)

"The auditor of public accounts shall annually, on the second Monday in July and January, or failing therein, as soon thereafter as practicable, distribute among the several counties of the State all the common-school fund available for that purpose, said distribution to be *pro rata*, according to the number of educable children in each county, respectively." (P. 22, sec. 70.)

The school report of 1888-89 does not show what proportion of the \$300,000 distributed by the State was used for the colored schools; but of all receipts from State, county, and city taxes, poll taxes, and other sources, the colored teachers received \$341,562.86, and the white teachers \$589,400.44. The number of colored children enumerated was 272,682, and the number of white children was 191,792.

MISSOURI.

"The State superintendent of public schools shall, annually, in the month of July, apportion the public-school fund applied for the benefit of the public schools among the different counties upon the enumeration and returns made to his office, and shall certify the amount so apportioned to the State auditor, also to the county clerk of each county, stating from what sources the same is derived, which said sum the several county treasurers shall retain in their respective county treasuries from the State fund; and the county clerks shall, annually, during the month of August, according to the enumeration and returns in their offices, proceed to apportion the school funds for their respective counties; and no district, city, or town which shall have failed to make and return such enumeration shall be entitled to receive any portion of the public-school funds; and in making such distribution each county clerk shall apportion all moneys collected on the tax duplicate of any district for the use of schools to such district, all moneys received from the State treasurer, and all moneys on account of interest of the funds accruing from the sale of section sixteen, or other lands in lieu thereof, to the district schools in the Congressional townships and parts of Congressional townships to which such land belonged, and all other moneys for the use of schools in the county and not otherwise appropriated by law, to the proper district; and he shall, immediately after making such apportionment, enter the same in a book to be kept for that purpose, and shall furnish the district clerks and those of cities or villages, as the case may be, each with a copy of said apportionment, and order the county treasurer to place such amount to the credit of the district, city, or town entitled to receive the same: *Provided, further,* That no district, city, or town that shall have failed to afford the children thereof the privileges of a free school for at least six months during the year ending the 30th day of June previous to said distribution, provided a tax of forty cents on the one hundred dollars assessed valuation together with the public funds will maintain the same, shall be entitled to any portion of the public school fund for that year.

"The county court of each county shall, at its August term in every year, apportion the county public-school moneys among the several districts in the county, according to the enumeration of the pupils resident therein." (Sch. L's, 1889, secs. 8064, 8065.)

"The county treasurer in each county shall be the treasurer of all moneys for school purposes belonging to the different districts until paid out on warrants duly issued by order of the board as authorized by this chapter, except in counties having adopted the township organization law, in which counties the township trustee shall be the treasurer of all school moneys belonging to the township, and be subject to corresponding duties as the county treasurer." (Sec. 8072.)

"Separate free schools shall be established for the education of children of African descent; and it shall hereafter be unlawful in the public schools of this State for any colored child to attend any white school, or for any white child to attend a colored school.

"When there are within any school district in this State fifteen or more colored children of school age, as shown by the last enumeration, the school board of such school district shall be, and they are hereby, authorized and required to establish and maintain within such school district a separate free school for said colored children; and the length of the school term for said colored children and the advantages and privileges thereof shall be the same as are provided for other schools of corresponding grade within such school district, and the board shall in all cases conduct, manage, and control said school as other schools of the district are conducted, managed, and controlled; and all indebtedness incurred by said board in providing suitable buildings, employing teachers, and maintaining said school shall be paid for out of the appropriate funds of the district upon warrants ordered and issued in conformity with the provisions of sections 8016 and 8017 of this chapter: *Provided,* There be no school building in such school district for said colored children, the board shall be and they are hereby authorized and required to rent suitable buildings and furnish the same, and all expenses necessarily incurred shall be paid out of any funds to the credit of the building or incidental fund of such school district. Should any school board neglect or refuse to comply with the provisions of this section, such school district shall be deprived of any part of the public funds for the next ensuing school year.

"When the number of colored children of school age residing in any school district, as shown by the last enumeration, shall be less than fifteen, they shall have the privi-

lege and are entitled to attend school in any district in the county wherein a school is maintained for colored children, and the school board of the district in which such colored children reside shall reserve a sufficient amount from the teachers' fund of such district to pay the expense thus incurred for such school year; but such colored children shall only be entitled to attend school for the same length of time that other schools of the district in which they reside are maintained, and at the end of the school term the school board of the district in which such children may have attended school shall make out and forward to the school board of the district in which such children reside an account showing the amount due for said colored children, said amount to be equal to the *pro rata* expense of such attendance, the same to be prorated according to the amount paid for teachers' wages and incidental expenses during such school term; and the school board of the district in which such children reside shall issue an order on the county or township treasurer to transfer said amount to the credit of the teachers' fund of the district in which said children attended school. Any school board neglecting or refusing to comply with the provisions of this section shall be held individually responsible for the amount due the district in which said colored children attended school." (Secs. 8002-8004.)

The school reports do not show how much of the school fund was expended for colored schools.

NORTH CAROLINA.

"The State board of education shall, on the first Monday in August of each and every year, apportion among the several counties of the State all the school funds which may be then in the treasury of the said board, and order a warrant for the full apportionment to each county, which said apportionment shall be made on the basis of the school population." (P. 5, sec. 2535, of *Bien. Rep.*, 1889-90.)

"Upon the receipt of the requisition of the treasurer of any county, duly approved by the chairman and secretary of the county board of education, for the school fund which may have been apportioned to said county, the State board of education shall issue its warrant on the State auditor for the sum due said county, whereupon the said auditor shall draw his warrant on the treasurer of the State board of education in favor of such county treasurer for the amount set forth in the warrant of the said State board." (*Ibid.*, p. 6, sec. 2537.)

"The State treasurer shall receive and hold as a special deposit all school funds paid into the treasury, and pay them out only on the warrant of the State auditor, issued on the order of the State board of education in favor of a county treasurer, duly indorsed by the county treasurer in whose favor it is drawn, and it shall be the only valid voucher in the hands of the State treasurer for the disbursement of school funds." (P. 6, sec. 2538.)

"The county board of education shall consult the convenience of the white residents in settling the boundaries of districts for the white schools, and of colored residents in settling boundaries for colored schools. The schools of the two races shall be separate; the districts the same in territorial limit or not, according to the convenience of the parties concerned. In cases where there are two sets of districts in a county, they shall be designated as school district number one, two, three, etc., for white schools, or school district number one, two, three, etc., for colored schools, in the county of ——" (P. 14, sec. 2550.)

"The county board of education of every county shall, on the first Monday of January of each year, apportion among the several districts of the county, designating the amount to each schoolhouse, if more than one in the district, all school funds in the following manner: First, deduct an amount sufficient to defray the general school expenses of the county authorized by law; then apportion two-thirds of the funds to the several districts in proportion to the whole number of children between the ages of six and twenty-one years, and at the same time the remaining one-third shall be apportioned in such manner as to equalize the average length of school terms for the two races as far as may be practicable, without discrimination in favor of or to the prejudice of either race. As soon as the apportionment is made the county board of education shall post a statement at the court-house door showing the amount apportioned to the several districts or schools of the county, and they shall also notify each committee of the amount apportioned to their district and to each school. The board shall also furnish the treasurer of the county board of education a statement of the amounts apportioned to the several districts and schools." (P. 14, sec. 2551.)

"The county treasurer of each county shall receive and disburse all public-school funds." (P. 17, sec. 2554.)

"All orders upon the treasurer of the county board of education for school money for the payment of teachers, and all orders for the purchase of sites for schoolhouses, and for the cost of building, repairing, and furnishing schoolhouses, shall be signed by the school committee of the district in which the school is taught, or in which the site or schoolhouse is situated, and shall be countersigned by the county superintendent of public instruction, which orders, duly indorsed by the person to whom the

same are payable, shall be the only valid vouchers in the hands of the treasurer of the county board of education, to be paid out of the funds apportioned to the district." (P. 17, sec. 2555.)

"It shall be the duty of the treasurer of the county board of education to keep a book, in which he shall open an account with each public-school district in the county, showing the amount apportioned to said district, distinguishing the moneys due to the white and the colored districts, the date of all payments of school moneys, the name of the person to whom paid and the several amounts. He shall balance the accounts of each district annually, on the thirtieth day of June in each and every year, and shall report by letter or printed circular, within ten days after each apportionment, to each school committee, the amount apportioned to the respective districts for the year, together with the balance which may be due any of the said districts from the preceeding year." (P. 18, sec. 2556.)

"Between the ages of six and twenty-one years we had by last census 536,663 children—370,144 white and 216,524 colored. This shows 63 per cent. to be white and 37 per cent. colored, or about five-eighths white and three-eighths colored.

"In 1890 we spent for the whites \$475,177.63, and for the colored \$242,047.77. This shows 66 per cent. of the funds spent for the whites and 34 per cent. for the colored. The average amount on each child throughout the State is \$1.22, and on the total population only 44 cents." (Supt.'s Rep., 1890, p. XLVII.)

The expenditures above named include the sums received for poll taxes, local taxes, etc., some of which are not required to be distributed according to the regulations mentioned.

Of the amount *apportioned* to the schools, the white schools received \$357,439.33, and the colored schools received \$175,829.43; this gives 97 cents for each white child and 81 cents for each colored child. (P. 57.)

The amount received from poll taxes forms part of the State fund and is distributed in like manner.

In 1888-89 the total school expenditures for white and colored children of funds received from all sources, State and local, omitting cost of supervision and treasurer's commissions were as follows:

| | Whites. | Colored. |
|-------------------------|----------------|----------------|
| Tuition | \$283, 665. 74 | \$143, 106. 94 |
| Houses and sites | 34, 599. 98 | 17, 026. 06 |
| County institutes | 445. 97 | 249. 50 |
| Total | 318, 711. 69 | 160, 382. 50 |

The amount therefore expended for each of the 363,982 white children was 88 cents, and the amount expended for each of the 216,837 colored children was 74 cents.

SOUTH CAROLINA.

"He [county school commissioner] shall annually, on the first day of February, or as soon as practicable thereafter, apportion the income of the county school fund among the several school districts of his county in proportion to the average number of pupils attending the free public schools in each district, and he shall certify such apportionment to the county treasurer." (P. 12, sec. 1002 of Sch. L's, 1889; also p. 19, sec. 1015.)

"The several county treasurers shall retain all the poll tax collected in their respective counties, and it is hereby made the duty of the said county treasurers in collecting the poll tax to keep an account of the exact amount of said tax collected in each school district in his county, and the city of Charleston shall, for the purposes of this section, be deemed a school district, and the county treasurer shall pay over to the city board of school commissioners the amount of poll tax collected in said city, and the poll tax collected therein shall be expended for school purposes in the school district from which it was collected." (P. 22, sec. 1021.)

"It shall be the duty of each county treasurer to report monthly, on the fifteenth day of each month, to the county school commissioner of his county, the amount of collections and disbursements made by him for the month on account of poll tax and all other school funds." (Sec. 1022.)

"The board of trustees in each school district shall take the management and control of the local educational interests of the same, subject to the supervision of the county board of examiners, and shall visit each school at least once in every school term." (P. 17, sec. 1010.)

The school reports for the years 1888 to 1890 do not show the amounts paid to white and colored schools separately.

TENNESSEE.

"All moneys in the treasury of the State for the annual support of her schools on the first Monday in October and April of every year shall be apportioned by the comptroller among the several counties according to their scholastic population as reported to him by the State superintendent. He shall give immediate notice of such apportionment to the county trustee of each county, and shall give notice in some newspaper at the seat of government of the amount apportioned to each county. He shall issue his warrant on the treasurer in favor of the county trustee of each county for the amount apportioned to such county and transmit the warrant to such trustee." (P. 17, sec. 42 of Sch. L's, 1889.)

"When the money derived from the school fund and taxes imposed by the State on the counties shall not be sufficient to keep up a public school for five months in the year in the school districts in the county, the county courts shall levy an additional tax sufficient for this purpose, or shall submit the proposition to a vote of the people, and may levy a tax to prolong the schools beyond the five months, said tax to be levied on all property, polls, and privileges liable to taxation, but shall not exceed the entire State tax."

"Taxes so levied by the county shall be collected in the same manner as other county taxes, and shall be paid over to the county trustee for distribution among the school districts of the county according to their scholastic population." (P. 17, secs. 39, 40.)

"Every male inhabitant in the State subject thereto shall pay a poll tax of one dollar for the support of the public schools, which shall be collected as other taxes are, and paid over to the county trustee in the county where collected, and distributed therein to each school district according to scholastic population." (P. 16, sec. 36.)

"A tax of one and one-half mills on the dollar shall be, and is hereby, annually assessed upon all property subject to taxation, for the support of the public schools, which shall be collected as other taxes are, and paid over to the county trustee in the county where collected, and distributed therein to each school district according to scholastic population." (P. 16, sec. 38.)

It is the duty of the district directors "to use the school fund apportioned to their district, derived from donations or other sources, in such manner as will promote the interest of public schools in their respective districts." (Sec. 5, p. 10.)

"To keep separate and apart schools for white and colored children." (Sec. 9.)

"The public schools shall be free to all persons between the ages of six and twenty-one years residing within the school district, and in special cases those children residing in different districts may be educated in schools under such regulations as may be prescribed by the directors of the district interested: *Provided*, That white and colored persons shall not be taught in the same school, but in separate schools, under the same general regulations as to management, usefulness, and efficiency." (P. 14, sec. 30.)

The school reports for the years 1887 to 1889 do not show the amounts apportioned to white and colored schools separately.

TEXAS.

"Separate schools shall be provided for the white and colored children, and impartial provision shall be made for both." (P. 4, sec. 7 of Sch. L's, 1889.)

"All available public-school funds of this State shall be appropriated in each county for the education alike of white and colored children, and each race shall receive its just pro rata according to scholastic census." (P. 7, sec. 3.)

"The State board of education shall, on or before the fifteenth day of July of each year, make an apportionment of the available school fund among the several counties of the State, and to the several cities and towns constituting separate school organizations, according to the scholastic population of each, and the State superintendent shall deliver an abstract of such apportionment to the comptroller and to each county judge and mayor of each city or town that has control of the public schools, a statement of the amount apportioned to their county, city, or town, as the case may be, and he shall issue to the county treasurer of each county, and to the city treasurer of any city or town having control of the public school, a certificate for the amount of the available school fund so apportioned to each county, city, or town, which certificate shall be signed by the governor as president of the board of education, countersigned by the comptroller of public accounts, and attested by the secretary." (P. 10, sec. 3.)

"The State treasurer shall receive and hold as a special deposit all moneys belonging to the available school fund and keep an account of the several sources from which they accrue. He shall open and keep an account with every county, city, or town in the State to which the board of education issues a certificate, (showing there

to be entitled to receive any portion of the available free-school fund), wherein he shall credit each such county, city, or town with the amount apportioned to them by such certificate, and duplicates of all such certificates shall be furnished the State treasurer at the time of the issuance thereof by the board of education." (P. 11, sec. 3.)

"The treasurers of the several counties shall be treasurers of the available public free-school fund for their respective counties." (P. 14, sec. 7.)

"The county judge, upon the receipt of the certificate issued by the board of education for the State fund belonging to his county, shall add thereto the county fund, if any, and deduct the amount estimated as his compensation and the commission of the treasurer and any other lawful expenses against said funds, and shall apportion the remainder to the several school districts or communities as per scholastic census." (P. 14, sec. 6.)

"Trustees shall make contracts with teachers, and in making them shall base their contract with the teachers on the basis of the number of pupils within scholastic age registered in the community: *Provided, however,* That should the attendance fall below thirty-three and one-third per cent. of the registered pupils in such community, the trustees thereof may discontinue the school.

"Trustees in making contracts with teachers shall determine the salary to be allowed, or wages to be paid, upon the following rates of tuition: To teachers holding a first-class certificate, not more than two dollars and fifty cents; to those holding a second-class certificate, not more than two dollars; and to such as hold a third-class certificate, not more than one dollar and fifty cents per month per capita shall be allowed for pupils within the scholastic age." (P. 21, secs. 5, 6.)

"School trustees shall determine how many schools shall be maintained in their respective school districts or communities, and at what points they shall be located; they shall determine when the schools shall be opened and when closed; they shall contract with teachers and manage and supervise the schools, subject to the rules and regulations of the county judge and State superintendent." (P. 22, sec. 7.)

"White and colored children shall not be taught in the same schools, but the colored children shall receive the benefit, as far as practicable, of the public-school fund, and the funds set aside in any district or community for colored children shall not be used for the education of white children, nor shall the public-school fund set aside in any district or community for white children be used for the education of colored children." (P. 23, sec. 12.)

Separate communities may be formed for the education of colored children; in which case the apportionment of school funds to such communities is made directly by the county judge. (See p. 19, sec. 4.)

The school reports for the years 1836-83 do not show the amounts used for white and colored schools separately.

VIRGINIA.

The superintendent of public instruction "shall annually, and as often besides as he may deem necessary, prepare a scheme for apportioning the money appropriated by the State for public free-school purposes among the several counties and cities, on the basis of the number of children between the ages of five and twenty-one years in each school district, as ascertained from the census of the previous year, or in default of that, from the latest and best official authority accessible to him. This scheme shall be accompanied by summaries of the data on which the same is founded, and when approved by the board of education a copy thereof and of the summaries aforesaid shall be furnished to the second auditor, to each county superintendent of schools, and to each county treasurer." (Sch. L's, 1883, p. 36, sec. 30.)

The county superintendent shall "prepare annually, and at such other times as may be necessary, under direction from the superintendent of public instruction, a scheme for apportioning the State and county school funds among the school districts within each county under his supervision, a copy of which scheme shall be furnished to the county treasurer and to the clerk of each school district, and also to the editor of each newspaper which may be published within the county." (Sec. 39.)

"The public free schools shall be free to all persons between the ages of five and twenty-one years residing within the school district: * * * *Provided,* That white and colored persons shall not be taught in the same school, but in separate schools, under the same general regulations as to management, usefulness, and efficiency; and any violation of these regulations which will impair the efficiency of the schools, or any discrimination in the pay of teachers in the same grade of schools in any school district, shall be deemed sufficient cause for the removal of the county school superintendent by the board of education." (P. 52, sec. 105.)

"In due time before the opening of schools in the next school year it shall be the duty of each district school board to determine by specified boundaries what shall be the area to be attached to each school-house for whites and to each school-house for

blacks. These areas shall be called subdistricts, and their boundaries may be changed, from time to time, at the discretion of the district board. The subdistricts for the whites shall be numbered with cardinal numbers, and the subdistricts for the blacks shall be lettered with capital letters. A full record of the subdistricting shall be made in the record book of the district." (Sec. 151.)

"In cases where subdistricts have been made to include territory which before belonged to other districts, either in or out of the county, it shall be the duty of the clerk of the board of district school trustees, as soon as may be after the subdistricting shall have been completed and before any apportionment of school money shall have been made, to take a census, in the usual form, of the school population in any such addition of territory. One copy of such census shall be furnished to the board of trustees of the district to which the territory has been added, and another to the board of trustees of the district from which the territory has been taken; and after the correctness of the census shall have been established, due report thereof shall be made to the county superintendent or superintendents concerned, and also to the superintendent of public instruction in cases where the school population of counties is affected; and thereafter all apportionments of school money shall be made in accordance with the results thus obtained." (Sec. 156.)

"All school moneys to be disbursed in any county shall be received, kept, and disbursed by the county treasurer thereof, subject to similar responsibility as in case of other funds by law committed to him." (Sec. 130.)

The Virginia school reports do not show the appropriations for white and colored schools separately.

WEST VIRGINIA.

The general school fund "shall be distributed to the several counties in the State in proportion to the number of youth therein, according to the latest enumeration made for school purposes." (Sch. L's, 1883, p. 37, sec. 60.)

"It shall be the duty of the auditor, on or before the tenth day of June, in each year, to ascertain the amount which is distributable among the several counties as aforesaid, and notify the State superintendent of free schools thereof, who shall thereupon ascertain the proper share of each county, and notify the auditor and each county superintendent; also the amount deducted by the auditor from the share of his county on account of salary paid the county superintendent, as required by section fifty-four, which amount the county superintendent shall also deduct from the share of his county before making his distribution of the same among the several districts thereof. Upon receiving such notice the county superintendent shall ascertain the proper share of each district and independent school district of his county, according to the number of youths therein, and give notice to the board of education of each district and independent school district in the county of the amount of general school fund due each, respectively, and that the same can not be drawn by them until they have made the levy required by the fortieth section of this chapter." (Sec. 61.)

"The boards of education of the several districts shall hold their first meeting for each school year on the first Monday in July. At this meeting they shall determine the number of months the school shall be held in the district, the number of teachers that may be employed in the several subdistricts, and fix the salaries that shall be paid to the teachers. In determining the salaries they shall have regard to the grade of teachers' certificates, fixing to each grade the salary that shall be paid to teachers of said grades in the several subdistricts." (Sec. 6.)

The attorney-general held that the above section requires that *all* the teachers in any district holding certificates of the same grade must be paid the same salary. (See p. 57.)

"White and colored persons shall not be taught in the same school; but to afford to colored children the benefits of a free-school education, it shall be the duty of the trustees of every subdistrict to establish therein one or more primary schools for colored persons between the ages of six and twenty-one years whenever the number of such persons residing therein, and between the ages aforesaid, exceeds fifteen, according to the enumeration made for school purposes. The trustees of two or more subdistricts, whether in the same or adjoining districts or counties, may, by agreement with each other, join in establishing a primary school for colored children residing in said subdistricts, and such school so established shall be subject to the same regulations as are provided for the schools for white children in section twelve of this chapter.

"Whenever, in any school district, the benefit of a free-school education is not secured to the colored children residing therein, in the manner mentioned in the preceding section, the fund applicable to the support of free schools in such subdistrict, whether received from the State or local taxation, shall be divided by the board of education in the proportion which the number of colored children bears to the number of white children therein, according to the latest enumeration made for school purposes; and the share of the former shall be set apart for the education of colored

persons of the proper age residing in such subdistrict or district, and be applied for that purpose from time to time in such way as the board of education of the district may deem best. Any board of education failing to comply with this section may be compelled to do so by the circuit court of the county by mandamus."

The school reports of West Virginia do not state the amounts appropriated for white and colored schools separately, but the amounts paid white and colored teachers are given:

| | Enumera- tion (6-21). | Paid teachers. | Amount per child. |
|---------------|--------------------------|-------------------|----------------------|
| 1886. | | | |
| White | 233,032 | \$644,177 | \$2.76 |
| Colored | 9,720 | 26,331 | 2.70 |
| 1887. | | | |
| White | 239,340 | 679,921 | 2.84 |
| Colored | 9,838 | 27,618 | 2.80 |
| 1888. | | | |
| White | 245,934 | 748,368 | 3.04 |
| Colored | 10,426 | 32,374 | 3.10 |

CHAPTER XXXIII.

STATISTICS OF PUBLIC ELEMENTARY SCHOOLS IN FOREIGN COUNTRIES.

REMARKS UPON THE TABLE.

The following table presents the statistics of public elementary schools, excluding infant schools, in countries whose official reports have been received in this Office.

Statistics of enrollment.—The totals of enrollment, column 5, must not be understood as including all children receiving elementary instruction; it is simply the number of children who have availed themselves of the public-school provision. An endeavor has been made in another part of this Report (pp. 76, 77) to show the number of children receiving instruction from all sources in several countries.

While in many countries very nearly the whole school population resorts to public schools, in other countries parochial or church schools bear an equal or possibly even greater part in the work; private nonparochial schools patronized by the wealthy exist in all countries, and in all home instruction supplies the place of school instruction for a small percentage of the population. In Great Britain it is assumed that one-seventh of the population will depend wholly upon private agencies for instruction, and the remaining six-sevenths are made the basis for estimating the amount of public-school accommodation to be supplied.

It is extremely difficult to deal with the statistics reported officially for Austria on account of the various classes of schools which participate in the work of elementary instruction. The official report presents the educational status of the entire school population; that is, the youth six to fourteen years of age. The total number is given as 3,295,552. The number reported as attending the public *Volksschulen*, i. e., people's schools, is used in the table before us. In addition to this number, viz., 2,748,347, there were in private *Volksschulen* 107,627, and in small elementary schools 1,695 pupils. There were also 50,628 youths of school age in attendance upon higher *Volksschulen*, or receiving instruction at home; 365,218 children are said to have been without instruction; leaving a small percentage who are classed as incapacitated by reason of bodily or mental infirmity.

For Great Britain and France enrollment in church schools is included in column 5 of the table. In the former these schools share with board schools in the public grant and are classed as public elementary schools; in the latter they are under the supervision of the Government, although not supported by public funds. The official reports for Ireland give the total enrollment, including all children who have made a single attendance upon the schools during the year. For 1888 this number was 1,060,895. The enrollment, as given in the table, includes only the pupils who may be presented for examination, and in respect of whom grants may be claimed; that is, pupils who made at least one attendance within the last 14 days preceding the Government examination.

The conflict between church and state authorities in several countries, notably in Belgium and the Netherlands, has caused great fluctuations in the attendance in public or state schools in recent years. For instance the enrollment for Belgium is very nearly double that reported in 1884-85 (*vide* Rep. of Commissioner, 1886-87).

The triumph of the antiliberal party in 1884 caused a radical change in the school policy. A new school law was passed allowing church schools to share in the public funds upon certain conditions, and in many ways strengthening the influence of the clergy in educational affairs. The result was a decline in public-school attendance, which is now, however, again upon the increase.

Teachers.—Pupil-teachers are employed in England and Wales, Scotland, New South Wales, and Japan, and are included in the totals of teachers for those countries.

Financial statistics—The expenditures given in column 16 of the table relate to the schools comprised in the table. The chief item in these expenditures is always the amount paid for teachers' salaries. In addition to this and incidental expenses, viz, the cost of books and material supplies, the costs of inspection, compulsion, and other administrative expenses are included in column 16. The totals presented in this column do not in every case comprise the entire amount given in the original reports under the head of expenditure for primary education. The differences arise in some cases from the fact that appropriations for special purposes, as pension funds, scholarship funds, etc., included in the original reports, are excluded from the totals here used. In other cases the original reports have classed as elementary, schools that do not come within the scope of this table, as infant schools, normal schools, etc. The expenditures for these have been subtracted from the totals used in column 16, excepting in the case of Belgium, whose reports do not give an itemized statement. Here expenditure for normal schools is included in the total for primary instruction. It should be observed that by far the larger proportion of the amounts expended always goes for teachers' salaries and the current incidental expenditures common to all systems. The special expenditures included for a few countries do not materially affect the relative bearing of the facts.

Statistics of public elementary education in foreign countries.

| Countries. | Population. | | Popula- tion to square mille. | Name and title of chief officer of education. | |
|--------------------------|-------------|----------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| | Number. | Date. | | | |
| I | 2 | 3 | 4 | 5 | |
| Austria-Hungary— | | | | | |
| Austria..... | 23,447,192 | 1887 | 202.30 | Dr. Paul Gautsach von Frankenthurn, minister of public instruction and ecclesiastical affairs. | |
| Hungary..... | 16,901,023 | 1887 | 135.16 | Dr. August Grefort, minister of education and public worship; Count Albin Csaky appointed in 1883. | |
| Belgium..... | 5,974,743 | 1887 | 525.34 | M. J. Thonissen, minister of the interior and of instruction; M. J. Devolder in 1889. Succeeded by M. Melot, and in 1891 by M. J. de Buriel. | |
| Denmark..... | | | | | |
| France..... | 37,930,759 | 1886 | 186.00 | Ministre de l'instruction publique et des beaux-arts, M. Berthelot, from December 11, 1886, to May 30, 1887; M. Spuller, May 30 to December 12, 1887; M. Leopold Faye, December 12, 1887, to April 3, 1888; M. Edouard Lockroy, April 3, 1888 to February 28, 1889; M. A. Fallières, from February 28, 1889, to March 17, 1890; M. Léon Bourgeois, March 17, 1890. | |
| Germany— | | | | | |
| Bavaria..... | 5,416,180 | 1885 | 184.38 | Dr. L. A. von Müller, minister of public instruction since 1889. | |
| Bremen (free city)..... | 165,255 | 1885 | 1,686.00 | Dr. A. Pauli (senator), chief officer. | |
| Hamburg (free city)..... | 518,620 | 1885 | 282.40 | Dr. G. H. Kirchenpauer (senator), presiding officer. | |
| Lübeck..... | 67,638 | 1885 | 545.62 | Dr. G. Brehmer, chairman of the supreme school council. | |
| Prussia..... | 28,318,470 | 1885 | 207.00 | Herr von Gossler, minister of public worship, instruction, and medical affairs until spring of 1891. | |
| Saxony..... | 3,182,003 | 1885 | 549.09 | Dr. C. F. W. von Gerber, minister of state and chief of the department of ecclesiastical affairs and public instruction; director, F. F. Petzholdt. | |
| Württemberg..... | 1,995,185 | 1885 | 265.00 | Dr. von Silcher, ministerial director and president of the department of ecclesiastical affairs and public instruction. | |
| Great Britain— | | | | | |
| England and Wales..... | 28,628,804 | 1888 | 492.00 | Committee of council on education; Lord president for England and Scotland, Viscount Cranbrook; vice-president for England, Sir W. Hart Dyke; vice-president for Scotland, Marquess Lothian. | |
| Scotland..... | 4,024,681 | 1888 | 135.00 | Commissioners of national education in Ireland. | |
| Ireland..... | 4,837,352 | 1887 | 149.00 | | |
| Greece..... | 2,200,000 | 1879 | 110.32 | | |
| Italy..... | 28,439,628 | 1881 | 250.00 | Michele Coppino, minister of public instruction; Paolo Boselli appointed 1888. Succeeded by P. Villari in February, 1891. | |
| Montenegro..... | | | | | |
| Netherlands..... | 4,450,870 | 1887 | 352.00 | Dr. J. Heenskerk, minister of the interior. | |
| Norway..... | 1,806,900 | 1875 | 15.00 | J. A. Bonnevie, chief officer of department of ecclesiastical affairs and public instruction in 1889. | |
| Portugal..... | 4,708,178 | 1881 | 138.32 | Souhor Luciano de Castro Corte Real, minister of the interior. | |
| Romania..... | | | | | |
| Russia..... | 102,970,831 | 1882 | 11.90 | Actual Privy Councillor Delyanoff, presiding officer. Succeeded by Mr. Pobedonozzeff in 1891. | |
| Finland..... | 2,203,358 | 1885 | 15.27 | Dr. L. Lindeloff, superior director of schools. Dr. G. Z. Yrjö-Koskinen, officer in charge of ecclesiastical affairs and public instruction in 1890. | |
| Servia..... | | | | | |
| Spain..... | 17,258,404 | 1887 | 88.00 | Señor Castillo, minister of the interior. Señor de Isasa, minister of public instruction, agriculture, and commerce in 1891. | |
| Sweden..... | 4,682,769 | 1885 | 27.38 | Carl Gustaf Hammarskjöld, minister of education and ecclesiastical affairs; Gunnar Wennerberg in 1889. | |

| | | | | |
|--------------------------------------|-------------|------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Switzerland..... | 2,957,527 | 1887 | 186.10 | K. M. Chatfield, director of public instruction. |
| British India..... | 208,137,044 | 1887 | 10.45 | R. G. Hodzson, officiating director of public instruction. |
| Bombay Presidency..... | 10,454,414 | 1881 | 223.10 | Arinori Mori, minister of public instruction; Yoshikawara Akinasa appointed in 1890. |
| Lower Burma..... | 3,736,771 | 1881 | 43.00 | Laungthi Dale, superintendent-general of education. |
| Japan..... | 38,507,177 | 1887 | 261.00 | Abderahman Kouhdi Pacha, minister of public works and temporarily of public instruction; Aly Monbarek Pacha in 1889. |
| Cape of Good Hope..... | 38,350,000 | 1887 | 1.59 | |
| Egypt..... | 6,806,381 | 1882 | 525.00 | |
| Canada— | | | | |
| British Columbia..... | 49,459 | 1881 | .14 | S. D. Pope, superintendent of education. |
| Manitoba..... | 65,954 | 1881 | .50 | J. B. Somersel, superintendent of education. Protestant schools. |
| New Brunswick..... | 323,182 | 1883 | 12.00 | William Crockett, chief superintendent of education. |
| Newfoundland..... | 197,335 | 1884 | 5.00 | Jas. J. Wickham, superintendent Roman Catholic schools. |
| Nova Scotia..... | 440,572 | 1881 | 21.00 | David Allison, superintendent of education. |
| Ontario..... | 1,923,228 | 1881 | 19.00 | George W. Ross, minister of education. |
| Prince Edward Island..... | 108,891 | 1881 | 51.00 | D. Montgomery, chief superintendent of education. |
| Quebec..... | 1,350,027 | 1881 | 7.00 | Hon. Gideon Olinet, superintendent of public instruction. |
| Mexico..... | 10,447,974 | 1882 | 14.00 | |
| Jamaica..... | 538,583 | 1881 | 132.36 | Thomas Capper, inspector of schools |
| Trinidad..... | 178,270 | 1886 | 98.00 | R. J. L. Guppy, superintendent of education. |
| Costa Rica..... | 196,270 | 1886 | 9.00 | Don Mauro Fernandez, minister of commerce, agriculture, finance, and public instruction; Dr. P. J. Valverde in 1891. |
| Guatemala..... | 1,394,233 | 1888 | 30.00 | M. A. Herrera, presiding officer; L. A. Estrada in 1889; V. Munoz in 1890. |
| Nicaragua..... | 275,815 | 1883 | 6.00 | Don Joaquin Elizondo, minister of the interior and of war, in charge of foreign affairs and public instruction. |
| Argentine Republic..... | 3,894,965 | 1887 | 3.46 | Dr. D. Filenón Posse, minister of justice, worship, and public instruction, succeeded by Dr. J. Gutierrez; Dr. J. A. Ojeda, presiding officer in 1889; Dr. Benjamin Zorrilla,* president of the national council of education. |
| Brazil..... | 12,922,375 | 1885 | 4.14 | Dr. M. de N. Machado Portella, minister of the interior; B. Constant de Magalhães, minister of public instruction in 1890. |
| Chili..... | 2,527,320 | 1885 | 8.59 | Señor P. L. Cuadrio, minister of justice, worship, and public instruction; F. P. Borne in 1889. |
| Colombia..... | 3,878,600 | 1884 | 7.68 | D. O. Canacheo, presiding officer; D. Ospina, in 1889; J. Casas Rojas, minister of public instruction. |
| Uruguay..... | 632,250 | 1886 | 8.75 | Dr. Drivinso Terra, minister of justice, ecclesiastical affairs, and public instruction; Dr. M. Berin- duaga in 1889, succeeded by Dr. C. Barro; Jacob A. Varela, inspector of primary instruction. |
| Venezuela..... | 2,121,988 | 1884 | 3.00 | Albino Gaitica, minister of public instruction; E. Blanco in 1890. |
| Surinam (colony of Netherlands)..... | 57,141 | 1887 | 1.24 | H. D. Benjamin, inspector of instruction. |
| Hawaii..... | 50,575 | 1884 | 12.00 | H. D. Benjamin, inspector of instruction. |
| Maine this..... | 301,404 | 1885 | 510.45 | D. J. Anderson, superintendent of schools. |
| New South Wales..... | 1,042,919 | 1887 | 3.35 | J. B. Carruthers, minister of public instruction. |
| Queensland..... | 356,940 | 1888 | .54 | B. B. Moreton, secretary for public instruction, 1887-88; Hon. J. Donaldson in 1889. |
| South Australia..... | 317,446 | 1887 | .35 | J. C. F. Johnson, minister of education. |
| Victoria..... | 1,069,419 | 1888 | 1.21 | Charles Henry Pearson, minister of instruction. |
| West Australia..... | 42,488 | 1887 | .04 | W. Adkinson, inspector of schools. |
| New Zealand..... | 578,482 | 1886 | 5.00 | George Fisher, minister of education; since January 24, 1891, R. Reeves. |
| Tasmania..... | 133,791 | 1885 | 5.00 | E. N. C. Braddon, 1887-88, minister of education. |

a Estimated.

* Deceased in 1891.

Statistics of public elementary

| | Countries. | Date of report. | Enrollment in elementary schools. | | | | Average attendance. | |
|----|----------------------------|-----------------|-----------------------------------|-----------|-----------------------------|----------------------------|---------------------|-------------------------|
| | | | Boys. | Girls. | Total. | Ratio to total population. | Total. | Ratio to enrollment. |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Austria-Hungary : | | | | | <i>Per ct.</i> | | <i>Per ct.</i> |
| 2 | Austria | 1886-87 | 1,407,381 | 1,340,962 | 2,748,347 | 11.72 | ..... | ..... |
| 3 | Hungary | 1886-87 | ..... | ..... | 1,872,095 | 11.07 | ..... | ..... |
| 4 | Belgium | 1887-88 | 331,424 | 272,644 | 604,068 | 10.11 | ..... | ..... |
| 5 | France | 1887 | 2,789,685 | 2,736,680 | 5,526,365 | 11.58 | ..... | ..... |
| 6 | Germany : | | | | | | | |
| 7 | Bavaria | 1884-85 | 412,518 | 430,110 | 842,628 | 15.55 | ..... | ..... |
| 8 | Bremen (free city) | 1888-89 | 13,353 | 11,553 | 24,906 | 14.10 | ..... | ..... |
| 9 | Hamburg (free city) | 1887-88 | 31,232 | 31,130 | 61,362 | 11.80 | ..... | ..... |
| 10 | Lübeck | 1888-89 | 4,474 | 4,106 | 8,580 | 12.68 | ..... | ..... |
| 11 | Prussia | 1886-87 | 2,475,068 | 2,498,116 | 4,973,184 | 17.56 | ..... | ..... |
| 12 | Saxony | 1888-89 | 284,033 | 294,761 | 578,794 | 18.20 | ..... | ..... |
| 13 | Württemberg | 1888-89 | 155,153 | 170,067 | 325,220 | 16.30 | ..... | ..... |
| 14 | Great Britain : | | | | | | | |
| 15 | England and Wales.... | 1888 | ..... | ..... | 4,714,026 | 10.46 | 3,633,094 | 77.06 |
| 16 | Scotland | 1888 | ..... | ..... | 641,540 | 15.94 | 496,239 | 77.35 |
| 17 | Ireland | 1888 | c351,283 | c359,752 | c711,035 | c14.69 | 493,883 | { 46.08 } { c69.40 } |
| 18 | Greece | 1884-85 | ..... | ..... | 118,480 | 5.38 | ..... | ..... |
| 19 | Italy | 1885-86 | 1,049,640 | 899,398 | 1,949,038 | 6.84 | ..... | ..... |
| 20 | Netherlands | 1888 | 326,169 | 300,345 | 526,514 | 11.82 | ..... | ..... |
| 21 | Norway | 1886-87 | ..... | ..... | 218,408 | 5.98 | ..... | ..... |
| 22 | Portugal | 1885 | ..... | ..... | 177,372 | 3.76 | ..... | ..... |
| 23 | Russia | 1885 | 1,004,480 | 278,693 | 1,283,173 | 1.24 | ..... | ..... |
| 24 | Finland | 1868 | d32,254 | d27,245 | { d59,499 } { e152,376 } | 9.61 | ..... | ..... |
| 25 | Spain | 1885 | 886,850 | 665,585 | 1,552,434 | 9.15 | 1,057,277 | 68.10 |
| 26 | Sweden | 1885 | ..... | ..... | 693,680 | 14.81 | ..... | ..... |
| 27 | Switzerland | 1887 | 234,161 | 233,436 | 467,597 | 15.81 | ..... | ..... |
| 28 | British India | 1885-86 | ..... | ..... | 2,811,934 | 1.04 | ..... | ..... |
| 29 | Bombay Presidency | 1887-88 | 409,164 | 45,809 | 454,973 | 2.76 | ..... | ..... |
| 30 | Lower Burmah | 1887-88 | ..... | ..... | 111,656 | 2.98 | ..... | ..... |
| 31 | Japan | 1887 | 1,966,944 | 794,929 | 2,761,873 | 7.17 | 1,795,589 | 65.01 |
| 32 | Algeria | 1887 | ..... | ..... | { f60,541 } { g10,013 } | 1.80 | ..... | ..... |
| 33 | Cape of Good Hope | 1888 | ..... | ..... | 85,080 | 24.30 | 44,947 | 52.82 |
| 34 | Egypt | 1887-88 | ..... | ..... | 3,387 | 0.04 | ..... | ..... |
| 35 | Canada : | | | | | | | |
| 36 | British Columbia | 1887-88 | ..... | ..... | 6,372 | 12.88 | 3,093 | 48.54 |
| 37 | Manitoba | 1886 | 9,041 | 7,885 | 16,926 | 25.66 | 8,128 | 48.02 |
| 38 | New Brunswick | 1888 | ..... | ..... | 69,063 | 20.72 | 31,169 | 11.76 |
| 39 | Newfoundland | 1887-88 | ..... | ..... | 9,017 | 4.56 | 4,533 | 50.27 |
| 40 | Nova Scotia | 1888 | ..... | ..... | 105,231 | 23.88 | 46,790 | 44.46 |
| 41 | Ontario | 1888 | 259,485 | 235,838 | 495,323 | 25.75 | 245,789 | 49.62 |
| 42 | Prince Edward Island | 1883 | 12,438 | 10,040 | 22,478 | 20.64 | 12,248 | 54.48 |
| 43 | Quebec | 1888-89 | 109,437 | 110,707 | 220,144 | j16.20 | 161,379 | 73.30 |
| 44 | Mexico | 1888 | 393,142 | 150,835 | 543,977 | 5.20 | ..... | ..... |
| 45 | Jamaica | 1887 | ..... | ..... | 62,424 | 10.66 | ..... | ..... |
| 46 | Trinidad | 1888 | ..... | ..... | 15,969 | 8.95 | 11,000 | 68.88 |
| 47 | Costa Rica | 1885 | 7,355 | 6,058 | 13,413 | 6.83 | ..... | ..... |
| 48 | Guatemala | 1888 | 29,358 | 15,727 | 45,085 | 3.23 | ..... | ..... |
| 49 | Nicaragua | 1885-86 | ..... | ..... | 13,660 | 4.95 | ..... | ..... |
| 50 | Argentine Republic | 1887-88 | 112,478 | 96,425 | 208,903 | 5.36 | 176,259 | 84.37 |
| 51 | Brazil | 1885 | ..... | ..... | 1435,997 | 5.37 | ..... | ..... |
| 52 | Colombia | 1887-88 | 46,108 | 27,092 | 73,200 | 1.87 | ..... | ..... |
| 53 | Chili | 1887 | ..... | ..... | 81,362 | 3.21 | ..... | ..... |
| 54 | Uruguay | 1887 | ..... | ..... | 30,572 | 4.83 | ..... | ..... |
| 55 | Venezuela | 1886 | ..... | ..... | 99,466 | 4.68 | ..... | ..... |

a Not including infant schools (écoles maternelles).

b For public elementary only, the enrollment in these being 4,444,568.

c Attendance for results period see p. 1440.

d Volksschulen.

e Ambulatory schools.

f Public.

STATISTICS OF EDUCATION IN FOREIGN COUNTRIES. 1445

education in foreign countries.

| Number of teachers. | | | Ratio of pupils to teachers. | | Current expenditures. | | | | |
|---------------------|---------|------------------------|--------------------------------------------|-----------------------------------------------|-----------------------|--------------|-------------|---------------------------|---------------------------|
| Male. | Female. | Total. | Number of enrolled pupils to each teacher. | Average number in attendance to each teacher. | Salaries. | Incidentals. | Total. | Per capita of enrollment. | Per capita of population. |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 44,261 | 12,075 | 57,236 | 48 | ..... | ..... | ..... | ..... | ..... | 1 |
| 21,132 | 3,016 | 24,148 | 77 | ..... | \$3,915,059 | \$1,323,898 | \$5,336,937 | \$2.85 | \$0.31 |
| 6,350 | 4,773 | 11,123 | 54 | ..... | ..... | ..... | 5,465,853 | ..... | .91 |
| 63,152 | 73,663 | 136,815 | 40 | ..... | 622,592,204 | ..... | 624,509,174 | 65.51 | .65 |
| 17,239 | 4,691 | 21,930 | 38 | ..... | ..... | ..... | 3,420,322 | 4.05 | .63 |
| 321 | 152 | 473 | 52 | ..... | ..... | ..... | 219,967 | 8.83 | 1.33 |
| 935 | 444 | 1,379 | 44 | ..... | 594,572 | ..... | 708,656 | 11.54 | 1.36 |
| 114 | 52 | 166 | 51 | ..... | 64,665 | ..... | 100,741 | 11.74 | 1.48 |
| 62,468 | 8,054 | 70,522 | 70 | ..... | 17,969,984 | ..... | 30,326,642 | 6.09 | 1.07 |
| 7,689 | 2,413 | 10,102 | 57 | ..... | ..... | ..... | 4,500,000 | 7.00 | 1.41 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 11 |
| (29,801) | ..... | 98,584 | 47 | 37 | 27,297,176 | 7,570,695 | 34,867,871 | 7.39 | 1.21 |
| 22,966 | 45,697 | ..... | 52 | 40 | 4,238,398 | 1,023,811 | 5,262,208 | 8.20 | 1.30 |
| (3,924) | 4,655 | 12,432 | 41 | 22 | ..... | ..... | 4,147,715 | { 3.90 } { 65.83 } | .85 |
| 3,853 | 9,563 | 17,227 | 46 | ..... | ..... | ..... | 564,525 | 4.76 | .25 |
| 17,983 | 23,814 | 41,797 | 57 | ..... | 3,544,335 | ..... | 10,424,469 | 5.34 | .36 |
| 3,462 | 312 | 3,774 | ..... | ..... | 529,007 | ..... | 4,595,937 | 8.72 | 1.03 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | 713,094 | 3.26 | .39 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,065,821 | 6.00 | .22 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2,105,329 | 1.64 | .02 |
| d551 | d662 | d1,213 | d48 | 42 | 3,614,156 | 1,295,325 | d711,683 | d12.00 | .32 |
| ..... | ..... | 25,271 | 61 | ..... | ..... | ..... | 4,909,481 | 3.16 | .28 |
| ..... | ..... | 12,390 | 55 | ..... | ..... | ..... | 3,046,183 | 4.39 | .65 |
| 6,128 | 2,690 | 9,018 | 52 | ..... | ..... | ..... | 3,371,314 | 7.20 | 1.13 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | 8,304,000 | 3.00 | .03 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | 790,159 | 1.73 | .04 |
| 75,599 | 3,316 | 78,915 | 34 | 22 | ..... | ..... | 121,713 | 1.09 | .03 |
| ..... | ..... | { f1,478 } { g362 } | 67 | ..... | 445,367 | ..... | 6,927,777 | 2.50 | .17 |
| 828 | 879 | 1,707 | 49 | 26 | ..... | ..... | 536,771 | 13.72 | ..... |
| ..... | ..... | 155 | 21 | ..... | ..... | ..... | 953,834 | 11.21 | 2.72 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | 102,883 | 30.36 | .01 |
| 65 | 59 | 124 | 51 | 24 | 88,287 | 7,091 | 99,902 | 15.67 | 2.01 |
| ..... | ..... | ..... | ..... | ..... | 168,042 | ..... | 218,310 | 12.89 | 3.31 |
| 432 | 1,181 | 1,613 | 42 | 19 | ..... | ..... | 406,252 | 5.88 | 1.21 |
| 63 | 123 | 186 | 48 | 24 | 19,666 | 1,566 | 21,232 | 2.35 | 0.10 |
| 579 | 1,553 | 2,132 | 49 | 21 | ..... | ..... | 617,879 | 5.87 | 1.40 |
| 2,824 | 4,972 | 7,796 | 63 | 31 | 2,521,537 | 761,856 | 3,283,392 | 6.63 | 1.70 |
| 263 | 246 | 509 | 44 | 24 | 97,188 | ..... | 131,169 | 5.83 | 1.20 |
| ..... | ..... | 6,481 | 24 | 25 | ..... | ..... | k1,472,439 | ..... | ..... |
| ..... | ..... | 1,016 | 61 | ..... | ..... | ..... | 2,779,130 | 5.10 | .26 |
| ..... | ..... | 178 | 89 | 61 | ..... | ..... | 133,289 | 2.13 | .23 |
| 161 | 149 | 310 | 43 | ..... | ..... | ..... | 100,693 | 6.30 | .56 |
| 764 | 429 | 1,191 | 37 | ..... | ..... | ..... | 316,129 | 7.01 | .22 |
| ..... | ..... | 213 | 64 | ..... | ..... | ..... | ..... | ..... | ..... |
| 2,490 | 3,132 | 5,622 | 37 | 31 | ..... | ..... | 5,169,655 | 24.74 | 1.32 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | 668,725 | 9.13 | .17 |
| | | | | | | | | | |
| ..... | ..... | 673 | 45 | ..... | ..... | ..... | 484,689 | 15.85 | .76 |
| ..... | ..... | 2,279 | 43 | ..... | ..... | ..... | 400,849 | 46.00 | .21 |

g Private.

h Protestant only.

i Roman Catholic schools only.

j Census of 1881.

k Small proportion for secondary and superior schools.

l Includes pupils in private schools and colleges.

Statistics of public elementary education,

| | Countries. | Date of report. | Enrollment in elementary schools. | | | | Average attendance. | |
|----|------------------------------------------|-----------------|-----------------------------------|---------|---------|----------------------------|---------------------|----------------------|
| | | | Boys. | Girls. | Total. | Ratio to total population. | Total. | Ratio to enrollment. |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 52 | Surinam (colony of the Netherlands)..... | 1888 | 2,818 | 2,570 | 5,388 | <i>Per ct.</i> 9.42 | | <i>Per ct.</i> |
| 53 | Hawaii..... | 1886 | | | 9,016 | 11.18 | | |
| 54 | Mauritius..... | 1888 | | | 15,871 | 4.31 | 10,143 | 63.90 |
| 55 | New South Wales..... | 1888 | | | 186,692 | 17.90 | 112,220 | 60.10 |
| 56 | Queensland..... | 1888 | | | 58,738 | 16.00 | 38,926 | 65.26 |
| 57 | South Australia..... | 1888 | | | 45,236 | 58.81 | 28,329 | 62.62 |
| 58 | Victoria..... | 1883 | 125,615 | 116,401 | 242,046 | 13.39 | 128,954 | 53.27 |
| 59 | West Australia..... | 1888 | 21,761 | 21,501 | 43,262 | 11.01 | 21,126 | 47.66 |
| 60 | New Zealand..... | 1888 | | | 112,685 | 19.47 | 90,108 | 79.96 |
| 61 | Tasmania..... | 1886 | | | 16,014 | 11.96 | | |

a Government schools.

in foreign countries—Continued.

| Number of teachers. | | | Ratio of pupils to teachers. | | Current expenditures. | | | | |
|---------------------|---------|--------|--------------------------------------------|-----------------------------------------------|-----------------------|--------------|-----------|---------------------------|---------------------------|
| Male. | Female. | Total. | Number of enrolled pupils to each teacher. | Average number in attendance to each teacher. | Salaries. | Incidentals. | Total. | Per capita of enrollment. | Per capita of population. |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 153 | 61 | 214 | 25 | ..... | ..... | ..... | ..... | ..... | 52 |
| ..... | ..... | 300 | 30 | ..... | ..... | ..... | \$150,776 | \$16.72 | \$1.87 |
| ..... | ..... | 364 | 43 | 27 | ..... | ..... | 69,183 | 4.35 | .19 |
| ..... | ..... | 3,886 | 48 | 28 | \$2,121,907 | \$80,548 | 2,466,942 | 13.21 | 2.36 |
| 691 | 789 | 1,480 | 39 | 26 | ..... | ..... | 793,247 | 13.50 | 2.16 |
| 405 | 529 | 934 | 48 | 30 | ..... | ..... | 553,162 | 12.20 | 1.74 |
| ..... | ..... | 3,754 | 64 | 34 | ..... | ..... | 2,970,791 | 12.27 | 2.80 |
| a42 | a68 | a110 | a29 | a23 | ..... | ..... | ..... | ..... | 59 |
| ..... | ..... | 2,839 | 39 | 31 | 1,426,946 | 135,031 | 1,657,907 | 14.71 | 2.86 |
| ..... | ..... | 390 | 41 | ..... | ..... | ..... | 112,294 | 7.01 | .83 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 61 |

b Assisted schools.

CHAPTER XXXIV.

OBITUARY LIST OF NOTABLE EDUCATORS.

Number of deaths, American and foreign, by ages.

| Ages. | Ameri- can. | Foreign. | Total. | Ages. | Ameri- can. | Foreign. | Total. |
|------------|----------------|----------|--------|---------------|----------------|----------|--------|
| 35-40..... | 1 | ..... | 1 | 71-75..... | 4 | 1 | 5 |
| 41-45..... | 1 | 1 | 2 | 76-80..... | 7 | ..... | 7 |
| 46-50..... | 6 | ..... | 6 | 81-85..... | 2 | ..... | 2 |
| 51-55..... | 4 | 1 | 5 | 86-90..... | 3 | ..... | 3 |
| 56-60..... | 6 | ..... | 6 | Over 90..... | ..... | 1 | 1 |
| 61-65..... | 2 | 1 | 3 | | | | |
| 66-70..... | 2 | 2 | 4 | All ages..... | 38 | 7 | 45 |

AMERICAN.

AINSWORTH, Joseph F., in Dedham, Mass., October 20, 1888, aged sixty-nine years; one of the oldest, best, and most respected of schoolbook publishers in the United States. To his wise foresight the public is indebted for the introduction and success of the Payson-Dunton writing books, Bartholomew's drawing books, Professor Crosby's Greek text-books, etc.

ALLEN, Nathan, M. D., LL. D., in Lowell, Mass., January 1, 1889, aged seventy-seven years; began academic studies at seventeen years, matriculating at Amherst College, 1832; was graduated in the class of 1836; received his medical degree in the Pennsylvania Medical School in 1841; was recently honored with the title LL. D. His published works are "The Opium Trade," 1853; "Important Medical Problems," 1874, etc. He was one of the oldest practitioners in Lowell.

BARNARD, Frederick Augustus Porter, D. D., LL. D., in New York, N. Y., May, 1889, aged seventy-nine years; president of Columbia College; for many years a most prominent literary man; graduated from Yale College in 1828; was teacher of deaf-mutes at Hartford and New York; was professor of mathematics and natural history in the University of Alabama, 1837-38, and of chemistry, 1838-54; then professor of astronomy in University of Mississippi, 1854 to 1861, becoming president the last two years; 1864 was made president of Columbia College; was president of the society for the advancement of science, and at different times an officer in the distinctively scholastic associations of Europe and America.

BARTLETT, Sidney, LL. D., in Boston, ———, 1888. He celebrated his ninetieth birthday the previous week and at the time was actively engaged in practice of law.

BOYCE, Rev. J. P., D. D., LL. D., at Pau, France, December 26, 1888, aged sixty years; president of Southern Baptist Theological Seminary, of Louisville, Ky.; founder of the seminary; president of the Southern Baptist Convention; a trustee of the "Slater fund," and held many important private and public trusts. His principal published works are: "A Brief Catechism on Bible Doctrines," "The Doctrine and Uses of the Sanctuary," "The Suffering Christ," and his largest and greatest work, "Abstracts of Systematic Theology," used as a text-book in the seminary.

BRAISLIN, Priscilla (Mrs. Timothy Merrick), Holyoke, Mass., December 15, 1888; was born near Burlington, N. J., 1838; for several years taught school in that city; was chosen tutor of mathematics and chemistry in Vassar College, 1865; was placed at the head of the mathematical department, which position she held until the spring of last year, resigning to become the wife of Mr. Merrick.

BREWER, Mrs. Gardiner, in Boston, Mass., December 14, 1888, aged eighty-five years; widely known for her numerous gifts to schools and charities.

- BRIDGMAN, Laura, South Boston, Mass., May 24, 1889, aged sixty years; over fifty years an inmate of the Perkins Institution for the Blind. She was deprived of *all* senses except that of touch, and through that she was taught to read, write, and converse, besides knitting and crocheting the most delicate lace. Her remarkable history is known throughout the world.
- CADY, Chaucey H., in Vermont, June, 1889; a well-known music writer and critic; graduated at Michigan University, 1881.
- CAPEN, Francis L., at Boston, Mass., July 31, 1889, aged seventy-two years. He was a well-known weather expert; made many interesting astronomical discoveries and many remarkable weather predictions, which gave him prominence on both sides of the Atlantic; he foresaw the eruptions of Vesuvius in April, 1871, and started for Naples to witness them.
- CARY, Freeman, in Cincinnati, Ohio, August 26, 1888, aged seventy-eight years; founder of Farmers' (now Belmont) College, Ohio.
- CARRINGTON, Edward C., near Salida, Colo., November 7, 1888, aged ———; formerly head-master of the Evening High School in Boston, member of the Massachusetts board of education, etc.
- CHEEVER, Byron William, March 6, 1888, aged forty-seven years; graduated from the University of Michigan in the department of arts 1863, from the department of medicine in 1867; from 1881 to the time of his death he occupied the chair of metallurgy in the University of Michigan.
- CLEMENTS, Rev. Samuel, D. D., at Ogontz, Pa., December 9, 1888; was the head of Cheltenham Academy, an educator of high repute, with special power for intellectual guidance of young men.
- COMBS, Prof. Paul, at Leonardtown, Md., December 28, 1888, aged twenty-four years; a member of the faculty of the Maryland Agricultural College; drowned near the mouth of Breton's Bay; was regarded as one of the brightest and most promising young men.
- CURRIE, Rev. L. W., in Tacoma, Wash., September 1, 1888, aged fifty years; teacher of the Government public school at Klawak, Prince of Wales Island, Alaska.
- CURTIS, William W., in Washington, D. C., September 2, 1888, aged sixty years; for many years a trustee of public schools.
- DALTON, Dr. John C., New York, N. Y., February 13, 1889, aged sixty-four years. He held professorships at University of Buffalo, Vermont Medical College, Long Island College Hospital, and in 1865 accepted the chair of physiology in the College of Physicians and Surgeons, which he held until the time of his death; was also a member of several medical associations, the author of many works and magazine articles on physiology and other medical subjects, and was the first one in this country to teach physiology with illustrations by vivisection.
- DILLAWAY, Charles K., in Boston, Mass., May 2, aged eighty-five years; president of the alumni of Boston Latin School; graduated at Harvard, 1825. He owned one of the most valuable and largest private libraries in Boston; was for a number of years a member of the Boston school committee, and in commemoration of his great interest in education the Dillaway School, on Kenilworth street, Roxbury, was named for him.
- ELLIOT, S. Lowell, PH. D., in Brooklyn, N. Y., February 12, 1889, aged forty-five years. He was eminent in scientific research; was a member of the New York Academy of Science, the American Association for the Advancement of Science, the American Geographical Society, and other associations, both in New York and Brooklyn.
- FOSTER, Joshua, in New Brunswick, N. J., November 20, 1888, aged seventy-six years; for fourteen years principal of the Institution for the Deaf and Dumb of Pennsylvania, and connected with the institution for forty-six years; was eminent authority on the treatment of deaf-mutes.
- FRENCH, John H., LL. D., in Rochester, N. Y., December 23, 1888, aged sixty-four years. He was a noted educator and for fifteen years had been connected with various institutions; for many years State conductor of teachers' institutes; was also superintendent of public schools in Vermont, and at one time principal of State Normal School at Indiana, Pa.
- GAMMELL, William, LL. D., in Providence, R. I., April 3, 1889, aged seventy-seven years. He was graduated from Brown University in 1831; took a tutorship there and rose to be professor of rhetoric and English literature; held that position from 1836 to 1851, when he took the new department of history and political economy, which he held until his resignation, 1864.
- GRAY, Rev. Albert Z., D. D., in Chicago, Ill., February 17, 1889, aged forty-nine years. He was a zealous worker in all matters pertaining to the church, and in 1882 was elected warden of Racine College. He was a writer of more than average ability; his published works are "The Land and the Life," "Mexico as it is," "Words of the Cross," "Jesus Only," and other sacred songs.
- HANSON, Miss Virginia, ——— Ky, October 19, 1888, aged sixty-three years; State librarian for many years.

- HARRIS, Right Rev. Samuel S., D. D., in London, England, August 21, 1888, aged forty-seven years; bishop of the Protestant Episcopal Church for the diocese of Michigan.
- HARRISON, Hon. James O., in Lexington, Ky., August 1, 1888, aged eighty-four years; born April 11, 1804, in Mount Sterling; graduated from the collegiate and law departments of Transylvania University; originator and first superintendent of public schools in Lexington, 1848-53, and again superintendent, 1873-79.
- HEILIG, Rev. William M., at Sweet Air, Md., October 19, 1888, aged seventy-five years; teacher in the Lutherville Female Seminary, 1856-59, and professor of history and of German in the Baltimore City College, 1857-64.
- HEUSER, Louis C., in Baltimore, Md., January 6, 1889, aged fifty-three years; vice-principal of English and German school, No. 5, Fremont street; for over twelve years a teacher in that school.
- HINCKLEY, George B. F., in Providence, R. I., July 8, 1888, aged thirty-nine years; a well-known teacher of classics.
- HIRST, James E., in Washington, D. C., October 12, 1888, aged ——— years; formerly principal of the high school at Bethlehem, Pa.
- JONES, Prof. Elisha, in Denver, Colo., August 16, 1888; associate professor of Latin, University of Michigan, Ann Arbor; was teacher of Latin and Greek classics for fourteen years; the text-books prepared by him had made his name widely known.
- LEWIS, Henry Carvill, in Manchester, England, July 21, 1888, aged ——— years; professor of geology in Haverford College, Pa.
- LORD, Rev. Willis, D. D., at Guilford, Conn., October 28, 1888; had been connected with several educational institutions; at one time president of Wooster University; the author of many books; was a prominent Presbyterian minister.
- LYNCH, John S., M. D., in Baltimore, Md., September 27, 1888, aged sixty years; one of the founders of the Baltimore College of Physicians and Surgeons and professor of the principles and practice of medicine therein.
- LYON, Merrick, LL. D., Providence, R. I., August 11, 1888, aged seventy-three years; for many years taught a preparatory school for colleges; in 1855 he filled the chair of Greek at Brown University, where he graduated in 1841; was honorary commissioner to the Vienna World's Fair; for two years each president of the Rhode Island and the American Institutes of Instruction; in 1874 he was elected a trustee of Brown University, and in 1877 a fellow.
- LYONS, Prof. J. A., at South Bend, Ind., August 23, 1888, aged fifty years; a member of the faculty of Notre Dame University; was connected with the university for thirty years and established several literary societies.
- McKAY, Prof. Charles F., in Baltimore, Md., March 13, 1889, aged seventy-nine years. Was at one time president of the University of Georgia, at Athens, Ga., which institution he has endowed.
- McGILL, Alexander T., D. D., LL. D., at Princeton, N. J., January 14, 1889, aged eighty-two years. He was emeritus professor of ecclesiastical, homiletic, and pastoral theology at Princeton Theological Seminary. He surveyed the boundary line between Georgia and Alabama through the lands of the Cherokee Nation.
- McTYEIRE, Holland L., in Nashville, Tenn., February 15, 1889, a noted divine and editor of the Christian Advocate; founder also of the New Orleans Christian Advocate. It was owing to him that the Vanderbilts made the gifts to Vanderbilt University, of which Bishop McTyeire was made president for life.
- MAHAN, Rev. Asa, D. D., at Eastbourn, England; graduated at Hamilton College in 1824, and at Andover Theological Seminary three years later. He held the presidency of Oberlin College, the chair of intellectual and moral philosophy, that of assistant professor in theology for fifteen years; accepted the presidency of Cleveland University in 1850; in 1860, that of Adrian College. Afterwards went to England, where he edited various religious magazines and published several books.
- MAX, Sarah R., at Strong, Me., December 31, 1888, aged fifty-three years. Was a graduate of Mt. Holyoke Seminary and a prominent educator in the South. For a number of years with her sister conducted the Wendell Institute, in Farmington, and eight years ago opened the May School for girls.
- MITCHELL, O. H., in Parkersburgh, W. Va., March 29, 1889; for many years in the chair of mathematics at Marietta College, Ohio; was one of the most prominent mathematicians in the State and an astronomer of high repute; a graduate of Johns Hopkins University, which conferred on him the degree of Ph. D.
- MORRIS, George Sylvester, PH. D., in Ann Arbor, Mich., March 23, 1889, aged forty-nine years; was professor of philosophy in Michigan University; was educated at Dartmouth College; was also tutor there. He filled the chair of modern languages in University of Michigan in 1870, and in 1878 was appointed lecturer in philosophy in Johns Hopkins University. He published many important books.
- OTIS, Charles Pomeroy, at Boston, Mass., November —, 1888, aged forty-eight years. He spent several years in Europe in the study of philology; was the author of several translations and text-books on various subjects; at the time of his death was professor of modern languages in the Massachusetts Institute of Technology.

- PIERCE, Rev. Bradford K., D. D., in Newton, Mass., April 19, 1889, aged seventy years. He was pastor for eighteen years, editor of Zion's Herald sixteen years, the founder of the Lancaster State Industrial School, and superintendent and chaplain of the same for six years; was trustee of the Boston University and of Wellesley College; at the time of his death was president of the Wesleyan Orphan Home, in Newton, also a member of the school board and superintendent of the Newton Free Library. He had written many books of a religious character, and had also prepared a new annotated edition of the proceedings of the State convention of 1788 which ratified the national Constitution (Boston, 1856).
- PORCHER, Frederick A., A. M., LL. D., in Charleston, S. C., October 15, 1888, aged nearly ninety years; educated at the College of Charleston, Partridge's Military Academy, Norwich, Vt., and Yale College; graduated in 1828; member of the South Carolina legislature for nine terms; trustee of the College of Charleston 1848, and professor of belles-lettres and history 1849-84; president of the South Carolina Historical Society for many years; author of a "History of Craven County," etc.
- PRAY, Dr. Thomas J. W., in Dover, N. H., December 9, 1888; born September 2, 1819, in Lebanon, Me.; graduated from Bowdoin College in 1844; received the degree of M. D. from Harvard College in 1848; in 1850 was president of the New Hampshire Medical Society; gave a noted address upon diphtheria which attracted the attention of professional men all over the country; for twenty years connected with Dover public schools, and was State commissioner in 1858-59; also in the State legislature, and chairman of the committee on education.
- PROCTOR, Richard A., in New York City, September 12, 1888, aged fifty-one years; a widely known writer on astronomical subjects.
- REMINGTON, Philo, at Silver Springs, Fla., April 4, 1889, aged seventy-two years; maker of rifles, sewing machines, and typewriters; a native of New York, and a liberal giver to Syracuse University, etc.
- RICE, Rev. Daniel, D. D., in St. Paul, Minn., April 5, 1889, aged seventy-two years; professor of theology in Macalester College.
- SCHMUCKER, Rev. Beal M., A. M., D. D., near Phoenixville, Pa., October 15, 1888, aged sixty-three years; a trustee of Muhlenberg College; director of the Lutheran Theological Seminary at Philadelphia; member of the Pennsylvania Historical Society; a prominent clergyman of the Lutheran Church, and author of several works on church history, etc.
- SHEPARD, Prof. Forest, in Norwich, Conn., December 8, 1888, aged eighty-eight years; born at Bascowen, N. H., in 1800, and graduated at Yale University in 1827; was professor of science in Western Reserve College, Hudson, Ohio; he made a thorough study of economics, and was well known as a specialist; he was a pedestrian of wonderful powers, and after the age of eighty years walked from Norwich to New Haven to attend a reunion of his classmates.
- SPAULDING, Rev. John, D. D., in New York City, March 30, 1889, aged eighty-eight years; secretary of the "Western Education Society" 1833-37; secretary of the "American Seamen's Society" 1841-56, and trustee of the same 1856-89.
- TAIT, George, in Alameda, Cal., August 13, 1888, aged fifty-seven years; was teacher in public schools of San Francisco in 1853, also city superintendent of schools in that city and in Oakland; was one of the first professors in the University of California.
- TAPPAN, Eli T., M. A., D. D., LL. D., in Columbus, Ohio, October 23, 1888, aged sixty-three years; formerly president of Kenyon College, Gambier, Ohio; at the time of his death was State School Commissioner of Ohio.
- TAYLOR, Prof. S. S., St. Paul, Minn., March 18, 1889, aged fifty-three years; superintendent of city school, St. Paul.
- TRAVELL, Rev. Joseph S., in —, Pa., September 18, 1888, aged — years; originator of kindergartens in the United States; interested in prison reforms, etc.
- VAN LENNEP, Rev. Henry, D. D., at Great Barrington, Mass., January 15, 1889, aged seventy-three; was the son of a missionary in the East; was born in Smyrna, Turkey, and was a faithful missionary for thirty years.
- VAN METER, Rev. William C., in Rome, Italy, October 31, 1888, aged sixty-eight years; founder of the Howard Mission in New York City; regenerator of the notorious Five Points District in New York, and of late years devoted to Protestant missions and school work in Italy.
- WELSH, Hon. A. S., in 1889; graduated at Michigan University in 1846; was for many years president of the normal school at Ypsilanti, Mich.
- WESTON, Rev. Dr. J. P., in Portland, Me., December 21, 1888, aged fifty-five years; he was for years principal of Westbrook Seminary and one of the best known educators in the State.
- WOOD, William, New York City, November —, 1888; was for twenty-one years a member of the board of education; was the originator, founder, and trustee of the Girls' Normal College.

- YENNI**, Rev. Dominic, s. J., at Spring Hill, Ala., July 8, 1888, aged seventy-seven years; professor of Latin and Greek at St. Joseph's College; author of Greek and Latin grammars; a teacher for fifty-three years, of which forty-one were passed in this country.
- YOMANS**, Alfred, D. D., at Orange, N. J., March 20, 1889, aged fifty-nine years; graduated with honor from Princeton College in 1852; at the time of his death was trustee of Princeton College, trustee and director of Princeton Theological Seminary, and a member of the Presbyterian Board of Home Missions.
- YOUNG**, John W., in Portsmouth, Va., October 8, 1888, aged fifty-six years; principal of the city public schools.

FOREIGN.

- BROCK**, Dr. O. J., February 5, 1889, aged seventy-one years, at Sevres, France; director of the International Bureau of Weights and Measures, in Paris; formerly professor of mathematics in the University of Christiania, Norway.
- BUDGE**, L. J., in ———, 1889, aged ——— years; director of the Anatomical Institute in Greifswald; author of a "Compendium of Physiology," etc.
- CHEVREUL**, Michel Eugène, April 9, 1889, in Paris, France, aged one hundred and two years; born at Angers in 1786; educated in Angers and Paris; was a noted chemist. Taught, 1810, chemistry in the Museum of Natural History; 1813, chemical professor in the Lycée Charlemagne; 1824, chemical professor in the Gobelins textile works; 1826, member of Academy of Sciences; 1830, professor of applied chemistry in the Museum of Natural History; his writings are: 1823, Chemical Researches on Animal Fats; 1831, Chemistry Applied to the Art of Dyeing; 1839, Law of Simultaneous Color Contrast.
- CLAUSIUS**, Rudolf J. E., in Bonn, Germany, August, 22, 1888, aged sixty-seven years; professor of physics in the universities of Zurich, Wurzburg, and Bonn.
- DARMSTETTER**, Prof. Arsène, of France, November 16, 1888, aged forty-two years; was connected with the Sorbonne at Paris since 1877, where he lectured on French language and literature; in 1881 he began a course of lectures on French grammar in the Normal at Sèvres; was well known as a writer on the French language, also as one of the collaborateurs of the Dictionnaire général de la langue Française.
- DEBRAY**, Henri, in Paris, France, July 19, 1888, aged sixty-one years; professor of chemistry in Charlemagne Lyceum and assistant in the Normal School; in 1877 was a member of the French Academy of Sciences.
- FRIEDLANDER**, Miss Rosalie, at Karlsruhe, Baden, Germany, October 22, 1888; she was a woman of superior intelligence, of wealth, and noted for her missionary work and noble charities among all sorts and conditions of people; during the Franco-Prussian war her school was closed and house converted into a hospital, she and her sister nursing the wounded soldiers.
- KENNEDY**, Rev. Benjamin Hall, in Cambridge, England, April, 1889; professor of Greek at Cambridge and a member of the university council.
- MORI**, Viscount Arinori, minister of education, February 16, 1889. He was known in this country, having been minister from Japan at Washington about 1880. Count Mori was one of the most enlightened of Japanese statesmen, and his death is considered a loss to the progressive party in Japan.
- SALOMON**, Louis E. T., ex-President of Hayti, in Paris, France, October 19, 1889, aged sixty-eight years; a native of Hayti, and a vigorous advocate of popular education; minister of public instruction and justice under President Faustin Soulouque, 1847-49, and under the same ruler when made emperor, 1849-58; after a long exile he became minister of foreign affairs under President Salnave, and after a second exile was elected President in 1879 and retained that office until finally expelled in 1888.
- THUN-HOHNSTEIN**, Graf. Leo, in Vienna, December 17, 1888, minister of education and worship, 1849-60; he reorganized secondary and university education; sent for German professors and teachers, made use of the German system as a model.

CHAPTER XXXV.

INDEX TO THE PUBLICATIONS OF THE UNITED STATES BUREAU OF EDUCATION FROM 1867 TO 1896.

[The accompanying list and index have been prepared in the hope of affording ready reference to the publications of the Bureau of Education, and of preserving useful memoranda respecting them.]

LIST OF PUBLICATIONS.

I.—ANNUAL REPORTS.

- Report of the Commissioner of Education, 1867-68. 8°, pp. xl + 856. Washington, 1868.
Same for 1870. 8°, pp. 579. Washington, 1870.
Same for 1871. 8°, pp. 715. Washington, 1872.
Same for 1872. 8°, pp. lxxxviii + 1018. Washington, 1873.
Same for 1873. 8°, pp. clxxviii + 870. Washington, 1874.
Same for 1874. 8°, pp. clii + 935. Washington, 1875.
Same for 1875. 8°, pp. clxxiii + 1016. Washington, 1876.
Same for 1876. 8°, pp. ccxiii + 942. Washington, 1878.
Same for 1877. 8°, pp. cevi + 644. Washington, 1879.
Same for 1878. 8°, pp. cci + 730. Washington, 1880.
Same for 1879. 8°, pp. cexxx + 757. Washington, 1881.
Same for 1880. 8°, pp. clxxii + 914. Washington, 1882.
Same for 1881. 8°, pp. cclxxvii + 840. Washington, 1883.
Same for 1882-83. 8°, pp. ccxciii + 872. Washington, 1884.
Same for 1883-84. 8°, pp. cclxxi + 943. Washington, 1885.
Same for 1884-85. 8°, pp. ccxcvii + 848. Washington, 1886.
Same for 1885-86. 8°, pp. xxi + 792. Washington, 1887.
Same for 1886-87. 8°, pp. 1170. Washington, 1888.
Same for 1887-88. 8°, pp. 1209. Washington, 1889.

II.—SPECIAL REPORTS.

- Special report of the Commissioner of Education on the condition and improvement of public schools in the District of Columbia. Barnard. 8°, pp. 912. Washington, 1871.
Technical instruction. Special report, 1869. pp. 33-784. Washington [1870].
NOTE.—First edition incomplete, printed pursuant to a call of House of Representatives, Jan. 19, 1870. Second edition published as Vol. XXI of Barnard's *Journal of Education*. pp. 807.
Contributions to the annals of medical progress and medical education in the United States before and during the War of Independence. By Joseph M. Toner. pp. 118. Washington, 1874.
Historical sketch of Mount Holyoke Seminary. By Mary O. Nutting. Edited by F. B. Hough. 12°, pp. 24. Washington, 1876.
Historical sketch of Union College. By F. B. Hough. 8°, pp. 81. Washington, 1876.
Public libraries in the United States of America, their history, condition, and management. Part I. pp. xxxv + 1187. Edited by S. R. Warren and S. N. Clark; Part II. pp. 89. Rules for a printed dictionary catalogue. By C. A. Cutter. 8°, Washington, 1876.
Contributions to the history of medical education and medical institutions in the United States of America, 1776-1876. By N. S. Davis. 8°, pp. 60. Washington, 1877.

Sketch of the Philadelphia Normal School for Girls. 8°, pp. 39. Washington, 1882.
 Historical sketches of the universities and colleges of the United States.¹ Edited.
 by F. B. Hough. (History of the University of Missouri.) 8°, pp. 72. Washing-
 ton, 1883.

Industrial education in the United States. 8°, pp. 319. Washington, 1883.

Art and industry.—Industrial and high art education in the United States. By I.
 Edwards Clarke. Part I. Drawing in the public schools. 8°, pp. cclix + 842.
 Washington, 1885.

NOTE.—There were two other editions, with slightly varying titles; one ordered by the Senate,
 the other by Congress.

Outlines for a museum of anatomy. By R. W. Shufeldt. 8°, pp. 65. Washington,
 1885.

Educational exhibits and conventions at the World's Industrial and Cotton Centen-
 nial Exposition, New Orleans, 1884-85. 8°, pp. 962, foot pagination.² Washing-
 ton, 1886.

Contents.—Part I. Catalogue of exhibits. pp. 240.

II. Proceedings of the International Congress of Educators. pp. 576.

III. Proceedings of the Department of Superintendence of the National Educa-
 tional Association, and addresses delivered on Education Days, 1885, N. O.
 pp. 148.

Indian education and civilization. Prepared in answer to Senate resolution of Feb-
 ruary 23, 1885. By Alice C. Fletcher, under direction of the Commissioner of Edu-
 cation. pp. 693. [Senate Ex. Doc. No. 95, Forty-eighth Congress, second session.]

Rules for a dictionary catalogue. By C. A. Cutter. 2d ed. (of Part II. of public
 libraries in the United States), with corrections and additions. 8°, pp. 133. Wash-
 ington, 1889.

Preliminary report of the general agent of education for Alaska to the Commissioner
 of Education. Introduction of reindeer into Alaska. 1890. By Sheldon Jackson.
 pp. 15. Washington, 1890.

III.—CIRCULARS OF INFORMATION.

No. 1.—General plan, March, 1867.

No. 2.—Plan of publication, May, 1867.

No. 3.—National land grants for educational purposes, August, 1867.

Nos. 4 and 5.—Provisions respecting education in the constitution of each State,
 with supplement. Constitutions revised in 1867-68. September and October,
 1867.

No. 6.—National grant of lands for State colleges of agriculture. Supplement:
 Circular respecting schools of science. September, 1867.

No. 7.—National education at home and abroad.

No. 8.—Female education.

No. 9.—Incorporated academies.

No. 10.—Secondary or academic education.

No. 11.—School architecture, 1867.

No. 12.—Institutions for the professional training of teachers.

No. 13.—August, 1868.

Contents.—Letters to editors and publishers of newspapers; Educational meetings in August
 1868; Letter respecting the reports of the Commissioner. Contents of special report on the
 District of Columbia. Index to subjects discussed in general reports, etc.

Special circulars.

1.

2. Circular respecting plan of publication. (Identical in matter with official
 circular No. 2.)

3. Circular respecting national land grants. (Identical in matter with official
 circular No. 3.)

4.

5.

6.

7. Circular respecting elementary education.

8.

9. Circular respecting school architecture.

10. Circular respecting normal schools and the professional training of teachers.
 (Identical in matter with official circular No. 12.)

¹ It was proposed to publish, during the Centennial year, a series of histories of colleges, universi-
 ties, professional schools, and special schools of science, but the following named only were issued:
 Historical sketch of Mount Holyoke Seminary, Historical sketch of Union College, and the History of
 the University of Missouri.

² From which all quotations are made.

Special circulars—Continued.

11. Circular respecting educational tracts.
12. Circular respecting institutions of natural science, February, 1868.
13. Circular respecting academies of design, galleries of art, and art culture.
14. Circular respecting public grounds.
15. Circular respecting newspapers and other periodicals.
16. Circular respecting report and documents for 1868.
- Circular respecting academies and other institutions of secondary education.

[The preceding list of official circulars, with illustrative documents, were issued by Dr. Henry Barnard.]

Circular of information, August, 1870. pp. 70.

Contents.—Illiteracy, derived from census tables of 1860; Educational statistics, translation of article by Dr. A. Ficker; Virchow on school-room diseases; Education of French and Prussian conscripts; School organization, etc.

Same, July, 1871. pp. 43.

Contents.—Public instruction in Sweden and Norway; The "folkehoiskoler" of Denmark.

Same, November, 1871. pp. 14. Methods of school discipline.

Same, December, 1871. pp. 17. Compulsory education.

Same, January, 1872. pp. 43. German and other foreign universities.

Same, February, 1872. pp. 77.

Contents.—Public instruction in Greece, the Argentine Republic, Chili, and Ecuador; Statistics respecting Portugal and Japan; Technical education in Italy.

Same, March, 1872. pp. 93.

Contents.—Vital statistics of college graduates; Distribution of college students in 1870-71; Vital statistics in the United States, with diagrams.

Same, April, 1872. pp. 125. Relation of education to labor.

Same, June, 1872. pp. 22. Education in the British West Indies.

Same, July, 1872. pp. 62. The Kindergarten.

Same, November, 1872. pp. 79. American education at the Vienna Exposition of 1873.

Same, 1, 1873. pp. 66. Historical summary and reports on the systems of public instruction in Spain, Bolivia, Uruguay, and Portugal.

Same, 2, 1873. pp. 30. Schools in British India.

Same, 3, 1873. pp. 118. College commencements for the summer of 1873, in Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania.

Same, 4, 1873. pp. 72. List of publications by members of certain college faculties and learned societies in the United States, 1867-72.

Same, 5, 1873. pp. 155. College commencements during 1873 in the Western and Southern States.

Same, 1, 1874. pp. 77. Proceedings of the Department of Superintendence of the National Educational Association, Washington, D. C. [1874].

Same, 2, 1874. pp. 56. Drawing in public schools; present relation of art to education in the United States.

Same, 3, 1874. pp. 87. History of secondary instruction in Germany.

Same, 1, 1875. pp. 114. Proceedings of the Department of Superintendence of the National Educational Association, Washington, D. C. [1875].

Same, 2, 1875. pp. 64. Education in Japan.

Same, 3, 1875. pp. 108. Public instruction in Belgium, Russia, Turkey, Servia, and Egypt.

Same, 4, 1875. pp. 16. Waste of labor in the work of education.

Same, 5, 1875. pp. 26. Educational exhibit at the International Centennial Exhibition, 1876.

Same, 6, 1875. pp. 208. Reformatory, charitable, and industrial schools for the young.

Same, 7, 1875. pp. 130. Constitutional provisions in regard to education in the several States.

Same, 8, 1875. pp. 15. Schedule for the preparation of students' work for the centennial exhibition.

Same, 1, 1877. pp. 28. Education in China.

Same, 2, 1877. pp. 77.

Contents.—Public instruction in Finland, the Netherlands, Denmark, Württemberg, and Portugal; The University of Leipzig.

Same, 1, 1878. pp. 36. Training of teachers in Germany.

Same, 2, 1878. pp. 24. Elementary education in London.

Circular of information No. 1, 1879. pp. 21. Training schools for nurses.

Same, 2, 1879. pp. 192.

Contents.—Proceedings of the Department of Superintendence of the National Educational Association, 1877 and 1879, Washington, D. C.; Proceedings of the conference of college presidents and delegates, Columbus, Ohio, December, 1877.

Same, 3, 1879. pp. 37. Value of common school education to common labor. [Reprinted from Annual Report, 1872.]

Same, 4, 1879. pp. 49. Training schools of cookery.

Same, 5, 1879. pp. 37. American education as described by the French commission to the international exhibition of 1876.

Same, 1, 1880. pp. 27. College libraries as aids to instruction.

Same, 2, 1880. pp. 112. Proceedings of the Department of Superintendence of the National Educational Association, Washington, D. C., 1880.

Same, 3, 1880. pp. 96. Legal rights of children.

Same, 4, 1880. pp. 106. Rural school architecture.

Same, 5, 1880. pp. 26. English rural schools.

Same, 6, 1880. pp. 219. Instruction in chemistry and physics in the United States.

Same, 7, 1880. pp. 36. The spelling reform.

Same, 1, 1881. pp. 26. Construction of library buildings.

Same, 2, 1881. pp. 22. Relation of education to industry and technical training in American schools.

Same, 3, 1881. pp. 79. Proceedings of the Department of Superintendence of the National Educational Association, New York, 1881.

Same, 4, 1881. pp. 144. Education in France.

Same, 5, 1881. pp. 47. Causes of deafness among school children and the instruction of children with impaired hearing.

Same, 6, 1881. pp. 29. Effects of student life on the eyesight.

Same, 1, 1882. pp. 28. Inception, organization, and management of training schools for nurses.

Same, 2, 1882. pp. 112. Proceedings of the Department of Superintendence of the National Educational Association, Washington, 1882.

Same, 3, 1882. pp. 67. University of Bonn.

Same, 4, 1882. pp. 37. Industrial art in schools.

Same, 5, 1882. pp. 14. Maternal schools in France.

Same, 6, 1882. pp. 63. Technical instruction in France.

Same, 1, 1883. pp. 46. Legal provisions respecting the examination and licensing of teachers.

Same, 2, 1883. pp. 30. Coeducation of the sexes in the public schools of the United States.

Same, 3, 1883. pp. 81. Proceedings of the Department of Superintendence of the National Educational Association, Washington, D. C., 1883.

Same, 4, 1883. pp. 82. Recent school-law decisions.

Same, 1, 1884. pp. 11. Meeting of the International Prison Congress at Rome.

Same, 2, 1884. pp. 184. The teaching, practice, and literature of shorthand. [Second and enlarged edition.]

Same, 3, 1884. pp. 99. Illiteracy in the United States. With appendix on national aid to education.

Same, 4, 1884. pp. 176. Proceedings of the Department of Superintendence of the National Educational Association, Washington, D. C., 1884.

Same, 5, 1884. pp. 28. Suggestions respecting the educational exhibit at the New Orleans Exposition, 1884-85.

Same, 6, 1884. pp. 90. Rural schools: progress in the past; means of improvement in the future.

Same, 7, 1884. pp. 158. Aims and methods of the teaching of physics.

Same, 1, 1885. pp. 207. City school systems in the United States.

Same, 2, 1885. pp. 206. Teachers' institutes.

Same, 3, 1885. pp. 55. Review of the reports of the British royal commissioners on technical instruction, with notes.

Same, 4, 1885. pp. 56. Education in Japan.

Same, 5, 1885. pp. 183. Physical training in American colleges and universities.

Same, 1, 1886. pp. 78. Study of music in public schools.

Same, 2, 1886. pp. 91. Proceedings of the Department of Superintendence of the National Educational Association, Washington, D. C., 1886.

Same, 1, 1887. pp. 89. The College of William and Mary. By Herbert B. Adams.

Same, 2, 1887. pp. 299. Study of history in American colleges and universities.

Same, 3, 1887. pp. 200. Proceedings of the Department of Superintendence of the National Educational Association, Washington, D. C., 1887.

Same, 1, 1888. pp. 308. Thomas Jefferson and the University of Virginia. By Herbert B. Adams.

- Circular of information, No. 2, 1888. pp. 180. History of education in North Carolina. By Charles Lee Smith.
- Same*, 3, 1888. pp. 247. History of higher education in South Carolina. By C. Meriwether.
- Same*, 4, 1888. pp. 154. Education in Georgia. By Charles Edgeworth Jones.
- Same*, 5, 1888. pp. 86. Industrial education in the South. By A. D. Mayo.
- Same*, 6, 1888. pp. 165. Proceedings of the Department of Superintendence of the National Educational Association, Washington, D. C., 1888.
- Same*, 7, 1888. pp. 54. History of education in Florida. By George Gary Bush.
- Same*, 1, 1889. pp. 68. Higher education in Wisconsin. William F. Allen and David E. Spencer.
- Same*, 2, 1889. pp. 300. Proceedings of the Department of Superintendence of the National Educational Association, Washington, D. C., March, 1889.
- Same*, 3, 1889. pp. 281. History of education in Alabama, 1702-1889. By Willis G. Clark.
- Same*, 1, 1890. pp. 343. History of Federal and State aid to higher education in the United States. By Frank W. Blackmar.
- Same*, 2, 1890. pp. 72. English-Eskimo, and Eskimo-English vocabularies. Compiled by Roger Wells, Jr., and John W. Kelly.
- Same*, 3, 1890. pp. 400. The teaching and history of mathematics in the United States. By Florian Cajori.

IV.—MISCELLANEOUS PUBLICATIONS.

- Report on school architecture and plans for graded schools. pp. 136. [Reprinted from Annual Report, 1868.]
- What is education? Opinions of eminent men. pp. 16. 1870. [Reprinted from An. Rep., 1868.]
- Colleges and collegiate institutions in the United States. Statistics. pp. 11.
- Suggestions for a free school policy for United States land grantees. pp. 6. 1872.
- Statement of the theory of education in the United States, approved by many leading educators. pp. 22. 1874.
- International exhibition, 1876, Philadelphia. Collections to illustrate the history of colleges, universities, professional schools, and special schools of science. A. Nos. 1-9; B. Nos. 1 and 3; C. No. 2. 1875. pp. 51.
- Report of the commissioner of education, 1875. (Prospectus of.) 1 p. 1875.
- National Bureau of Education; its history, work, and limitations. pp. 16. 1875.
- Chilian international exposition of 1875, to be held at Santiago, Chili. (Educational programme.) pp. 9. 1875.
- List of public school officials in the States and Territories of the United States, 1875. pp. 62. 1875.
- Educational conventions and anniversaries, 1876. pp. —. 187—.
- International conference on education, held in Philadelphia in connection with the international exhibition of 1876. pp. 92. 1877.
- Synopsis of proposed centennial history of American education, 1776-1876. (Folding sheet.)
- Manual of common native trees of the northern United States. pp. 23. 1877.
- Are the Indians dying out? pp. 36. 1877.
- Needs of the bureau of education. pp. 7. [Reprinted from Circ. inf. 2, 1879.]
- Needs of education in the South. pp. 13. [Reprinted from Circ. inf. 2, 1879.]
- International educational congress to be held at Brussels, Belgium, August, 1880. pp. 10. 1880.
- Indian school at Carlisle Barracks. pp. 5. 1880.
- Industrial education in Europe. pp. 9. 1880.
- Vacation colonies for sickly school children. pp. 4. 1880.
- Progress of Western education in China and Siam. pp. 13. 1880.
- Educational tours in France. pp. 4. 1880.
- Sale of diplomas. pp. 4. 1880.
- Medical colleges in the United States. pp. 3. 1881.
- Comparative statistics of elementary education in fifty principal countries. (Folding sheet.) 1881.
- Fifty years of freedom in Belgium; Education in Malta; Third international geographical congress at Venice, 1881; Illiteracy and crime in France; School savings banks; Education in Sheffield. pp. 8. 1881.
- Organization and management of public libraries. [Reprinted from pub. libs., 1876.] pp. 29. (1881.?)
- Library aids. pp. 10. 1881.
- Recognized medical colleges in the United States. pp. 4. 1881.
- Discipline of the school. pp. 15. 1881. [Reprint of Circ. inf., November, 1871.]

- Education and crime. pp. 10. 1881.
 Instruction in morals and civil government. pp. 4. 1882.
 Comparative statistics of elementary, secondary, and superior education in sixty principal countries. (Folding sheet.) 1882.
 National pedagogic congress of Spain. pp. 4. 1882.
 Natural science in secondary schools. pp. 9. 1882.
 High schools for girls in Sweden. pp. 6. 1882.
 Buffalini prize. pp. 5. 1883.
 Education in Italy and Greece. pp. 8. 1883.
 Answers to inquiries about the United States bureau of education. pp. 29. 1883.
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- ARIZONA. (An. rep. 1881, p. 280; 1882-83, p. 234; 1883-84, p. 290; 1884-85, p. 288.)
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- CALIFORNIA. (An. rep. 1870, p. 92; 1871, p. 80; 1872, p. 27; 1873, p. 22; 1874, p. 20; 1875, p. 25; 1876, p. 27; 1877, p. 16; 1878, p. 17; 1879, p. 16; 1880, p. 21; 1881, p. 14; 1882-83, p. 16; 1883-84, p. 18; 1884-85, p. 19; 1885-86, p. 221; 1886-87, p. 247.)
- COLORADO. (An. rep. 1875, p. 471; 1876, p. 38; 1877, p. 22; 1878, p. 23; 1879, p. 22; 1880, p. 31; 1881, p. 21; 1882-83, p. 23; 1883-84, p. 29; 1884-85, p. 27; 1885-86, p. 221; 1886-87, p. 247.)
- CONNECTICUT. (An. rep. 1870, p. 99; 1871, p. 105; 1872, p. 37; 1874, p. 42; 1875, p. 49; 1876, p. 45; 1877, p. 26; 1878, p. 28; 1879, p. 27; 1880, p. 39; 1881, p. 27; 1882-83, p. 30; 1883-84, p. 35; 1884-85, p. 35; 1885-86, p. 221; 1886-87, p. 247.)
- DAKOTA. (An. rep. 1876, p. 436; 1877, p. 277; 1878, p. 271; 1879, p. 268; 1880, p. 358; 1881, p. 292; 1882-83, p. 286; 1883-84, p. 292; 1884-85, p. 290.)
- DELAWARE. (An. rep. 1870, p. 104; 1871, p. 112; 1872, p. 52; 1873, p. 52; 1874, p. 56; 1875, p. 61; 1876, p. 58; 1877, p. 33; 1878, p. 35; 1879, p. 34; 1880, p. 49; 1881, p. 35; 1882-83, p. 33; 1883-84, p. 45; 1884-85, p. 44; 1885-86, p. 223; 1886-87, p. 249.)
- DISTRICT OF COLUMBIA. (An. rep. 1886-87, p. 249.)
- FLORIDA. (An. rep. 1874, p. 67; 1878, p. 39; 1879, p. 38; 1880, p. 55; 1881, p. 39; 1882-83, p. 42; 1883-84, p. 49; 1884-85, p. 47.)

- City school systems.** [By States.] **GEORGIA.** (An. Rep. 1871, p. 126; 1872, p. 67; 1873, p. 71; 1874, p. 72; 1875, p. 73; 1876, p. 70; 1877, p. 39; 1878, p. 45; 1879, p. 41; 1880, p. 61; 1881, p. 42; 1882-83, p. 45; 1883-84, p. 55; 1884-85, p. 52; 1885-86, p. 223; 1886-87, p. 249.)
- **IDAHO.** (An. rep. 1886-87, p. 250.)
- **ILLINOIS.** (An. rep. 1870, p. 117; 1872, p. 96; 1873, p. 83; 1874, p. 83; 1875, p. 83; 1876, p. 81; 1877, p. 45; 1878, p. 51; 1879, p. 48; 1880, p. 69; 1881, p. 49; 1882-83, p. 52; 1883-84, p. 61; 1884-85, p. 59; 1885-86, p. 223; 1886-87, p. 250.)
- **INDIANA.** (An. rep. 1870, p. 126; 1872, p. 110; 1874, p. 102; 1875, p. 102; 1876, p. 99; 1877, p. 54; 1878, p. 61; 1879, p. 58; 1880, p. 81; 1881, p. 58; 1882-83, p. 63; 1883-84, p. 73; 1884-85, p. 70; 1885-86, p. 224; 1886-87, p. 251.)
- **IOWA.** (An. rep. 1875, p. 117; 1876, p. 114; 1877, p. 64; 1878, p. 69; 1879, p. 65; 1880, p. 91; 1881, p. 67; 1882-83, p. 72; 1883-84, p. 83; 1884-85, p. 80; 1885-86, p. 224; 1886-87, p. 252.)
- **KANSAS.** (An. rep. 1871, p. 174; 1872, p. 120; 1873, p. 117; 1875, p. 130; 1877, p. 70; 1878, p. 76; 1879, p. 72; 1880, p. 101; 1881, p. 76; 1882-83, p. 80; 1883-84, p. 92; 1884-85, p. 88; 1885-86, p. 224; 1886-87, p. 253.)
- **KENTUCKY.** (An. rep. 1875, p. 140; 1876, p. 136; 1877, p. 76; 1878, p. 82; 1879, p. 79; 1880, p. 110; 1881, p. 82; 1882-83, p. 85; 1883-84, p. 99; 1884-85, p. 95; 1886-87, p. 254.)
- **LOUISIANA.** (An. rep. 1872, p. 135; 1873, p. 137; 1874, p. 148; 1875, p. 153; 1877, p. 84; 1878, p. 88; 1879, p. 86; 1880, p. 120; 1881, p. 87; 1882-83, p. 91; 1883-84, p. 105; 1884-85, p. 102; 1885-86, p. 225; 1886-87, p. 254.)
- **MAINE.** (An. rep. 1870, p. 154; 1872, p. 142; 1873, p. 146; 1875, p. 162; 1876, p. 158; 1877, p. 88; 1878, p. 92; 1879, p. 90; 1880, p. 127; 1881, p. 92; 1882-83, p. 95; 1883-84, p. 112; 1884-85, p. 109; 1885-86, p. 225; 1886-87, p. 254.)
- **MARYLAND.** (An. rep. 1870, p. 160; 1871, p. 211; 1872, p. 150; 1874, p. 170; 1875, p. 174; 1876, p. 171; 1877, p. 97; 1878, p. 99; 1879, p. 96; 1880, p. 135; 1881, p. 98; 1882-83, p. 101; 1883-84, p. 119; 1884-85, p. 116; 1885-86, p. 225.)
- **MASSACHUSETTS.** (An. rep. 1870, p. 167; 1871, p. 218; 1872, p. 163; 1873, p. 172; 1874, p. 183; 1875, p. 189; 1876, p. 183; 1877, p. 106; 1878, p. 107; 1879, p. 105; 1880, p. 144; 1881, p. 106; 1882-83, p. 110; 1885-86, p. 225; 1886-87, p. 255.)
- **MICHIGAN.** (An. rep. 1870, p. 187; 1871, p. 242; 1874, p. 207; 1875, p. 212; 1876, p. 203; 1877, p. 123; 1878, p. 122; 1879, p. 119; 1880, p. 161; 1881, p. 123; 1882-83, p. 126; 1883-84, p. 144; 1884-85, p. 141; 1885-86, p. 230; 1886-87, p. 261.)
- **MINNESOTA.** (An. rep. 1870, p. 197; 1875, p. 225; 1876, p. 215; 1877, p. 132; 1878, p. 131; 1879, p. 128; 1880, p. 173; 1881, p. 133; 1882-83, p. 136; 1883-84, p. 152; 1884-85, p. 149; 1885-86, p. 230; 1886-87, p. 262.)
- **MISSISSIPPI.** (An. rep. 1876, p. 224; 1877, p. 139; 1878, p. 136; 1879, p. 133; 1880, p. 180; 1881, p. 139; 1882-83, p. 141; 1883-84, p. 158; 1884-85, p. 155; 1885-86, p. 231; 1886-87, p. 263.)
- **MISSOURI.** (An. rep. 1870, p. 205; 1871, p. 263; 1872, p. 207; 1873, p. 225; 1874, p. 239; 1875, p. 244; 1876, p. 232; 1877, p. 145; 1878, p. 142; 1879, p. 138; 1880, p. 187; 1881, p. 144; 1882-83, p. 146; 1883-84, p. 163; 1884-85, p. 159; 1885-86, p. 231; 1886-87, p. 263.)
- **MONTANA.** (An. rep. 1880, p. 379; 1881, p. 297; 1882-83, p. 299.)
- **NEBRASKA.** (An. rep. 1873, p. 238; 1874, p. 253; 1875, p. 258; 1876, p. 244; 1877, p. 154; 1878, p. 151; 1879, p. 146; 1880, p. 196; 1881, p. 152; 1882-83, p. 153; 1883-84, p. 171; 1884-85, p. 168; 1886-87, p. 263.)
- **NEVADA.** (An. rep. 1879, p. 150; 1880, p. 202; 1881, p. 157; 1882-83, p. 159; 1883-84, p. 176; 1884-85, p. 174.)
- **NEW HAMPSHIRE.** (An. rep. 1870, p. 217; 1871, p. 281; 1872, p. 220; 1874, p. 267; 1875, p. 269; 1876, p. 256; 1877, p. 162; 1878, p. 159; 1879, p. 154; 1880, p. 207; 1881, p. 160; 1882-83, p. 162; 1883-84, p. 179; 1884-85, p. 178; 1885-86, p. 231; 1886-87, p. 263.)
- **NEW JERSEY.** (An. rep. 1870, p. 222; 1871, p. 285; 1872, p. 226; 1873, p. 264; 1874, p. 280; 1875, p. 279; 1876, p. 265; 1877, p. 169; 1878, p. 167; 1879, p. 160; 1880, p. 213; 1881, p. 167; 1882-83, p. 168; 1883-84, p. 185; 1884-85, p. 185; 1885-86, p. 232; 1886-87, p. 264.)
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- **NEW YORK.** (An. rep. 1870, p. 234; 1871, p. 285; 1872, p. 235; 1873, p. 375; 1874, p. 295; 1875, p. 293; 1876, p. 277; 1877, p. 176; 1878, p. 174; 1879, p. 167; 1880, p. 221; 1881, p. 174; 1882-83, p. 176; 1883-84, p. 193; 1884-85, p. 193; 1885-86, p. 232; 1886-87, p. 264.)
- **NORTH CAROLINA.** (An. rep. 1870, p. 252; 1874, p. 320; 1878, p. 187; 1879, p. 182; 1880, p. 239; 1881, p. 194; 1882-83, p. 194; 1883-84, p. 208; 1884-85, p. 211; 1886-87, p. 267.)
- **OHIO.** (An. rep. 1870, p. 255; 1871, p. 320; 1872, p. 273; 1873, p. 315; 1874, p. 329; 1875, p. 331; 1876, p. 309; 1877, p. 197; 1878, p. 192; 1879, p. 187; 1880, p. 247; 1881, p. 201; 1882-83, p. 201; 1883-84, p. 213; 1884-85, p. 214; 1885-86, p. 234; 1886-87, p. 267.)

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- RHODE ISLAND. (An. rep. 1870, p. 282; 1871, p. 333; 1872, p. 307; 1873, p. 356; 1874, p. 380; 1875, p. 378; 1876, p. 356; 1877, p. 226; 1878, p. 217; 1879, p. 213; 1880, p. 285; 1881, p. 231; 1882-83, p. 232; 1883-84, p. 243; 1884-85, p. 241; 1885-86, p. 235; 1886-87, p. 269.)
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- "Educational beginnings." [Early work of some colonial colleges.] (An. rep. 1878, p. xlv.)
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- Statistical tables. (An. rep. 1870, pp. 506-517; 1871, pp. 633-649; 1872, pp. 762-791; 1873, pp. 663-683; 1874, pp. 673-702; 1875, pp. 717-747; 1876, pp. 698-728; 1877, pp. 503-534; 1878, pp. 515-547; 1879, pp. 528-561; 1880, pp. 640-676; 1881, pp. 572-607; 1882-83, pp. 596-631; 1883-84, pp. 623-660; 1884-85, pp. 584-621; 1885-86, pp. 490-520.)
- WARREN, CHAS. Distribution of college students in 1870-71. (Circ. inf., March, 1872, pp. 43-70.)
- Inquiry concerning vital statistics of college graduates. (Circ. inf.)
- Colleges and universities.** [By States.] ALABAMA. (An. rep. 1870, p. 82; 1871, p. 67; 1873, p. 6; 1874, p. 8; 1875, p. 11; 1876, p. 10; 1877, p. 7; 1878, p. 8; 1879, p. 7; 1880, p. 9; 1881, p. 7; 1882-83, p. 7; 1883-84, p. 8; 1884-85, p. 8; 1885-86, p. 475; 1887-88, p. 636.)
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- CONNECTICUT. (An. rep. 1871, p. 99; 1872, p. 40; 1873, p. 42; 1874, p. 46; 1875, p. 54; 1876, p. 48; 1877, p. 28; 1878, p. 30; 1879, p. 29; 1880, p. 41; 1881, p. 29; 1882-83, p. 32; 1883-84, p. 39; 1884-85, p. 38; 1885-86, p. 477; 1886-87, p. 671; 1887-88, p. 638.)

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- LOUISIANA.** (An. rep. 1871, p. 200; 1872, p. 133; 1873, p. 138; 1874, p. 150; 1875, p. 154; 1876, p. 150; 1877, p. 85; 1878, p. 89; 1879, p. 87; 1880, p. 121; 1881, p. 88; 1882-83, p. 92; 1883-84, p. 107; 1884-85, p. 104; 1885-86, p. 480; 1886-87, p. 672; 1887-88, p. 650.)
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- MARYLAND.** (An. rep. 1872, p. 152; 1873, p. 155; 1874, p. 174; 1875, p. 177; 1876, p. 173; 1877, p. 98; 1878, p. 100; 1879, p. 98; 1880, p. 136; 1881, p. 100; 1882-83, p. 103; 1883-84, p. 121; 1884-85, p. 119; 1885-86, p. 482; 1886-87, p. 672; 1887-88, p. 651.)
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- MICHIGAN.** (An. rep. 1870, p. 135; 1871, p. 239; 1872, p. 185; 1873, p. 196; 1874, p. 211; 1875, p. 215; 1876, p. 205; 1877, p. 125; 1878, p. 124; 1879, p. 122; 1880, p. 164; 1881, p. 127; 1882-83, p. 128; 1883-84, p. 147; 1884-85, p. 144; 1885-86, p. 483; 1887-88, p. 658.)
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- MISSISSIPPI.** (An. rep. 1870, p. 201; 1871, p. 257; 1872, p. 199; 1873, p. 216; 1874, p. 231; 1875, p. 236; 1876, p. 224; 1877, p. 140; 1878, p. 138; 1879, p. 134; 1880, p. 182; 1881, p. 141; 1882-83, p. 142; 1883-84, p. 159; 1884-85, p. 156; 1885-86, p. 484; 1887-88, p. 660.)
- MISSOURI.** (An. rep. 1870, p. 203; 1871, p. 261; 1872, p. 209; 1873, p. 226; 1874, p. 244; 1875, p. 248; 1876, p. 235; 1877, p. 148; 1878, p. 145; 1879, p. 141; 1880, p. 189; 1881, p. 147; 1882-83, p. 148; 1883-84, p. 166; 1884-85, p. 162; 1885-86, p. 484; 1886-87, p. 673; 1887-88, p. 661.)
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Constitutional provisions in regard to education in the several States. (An. rep. 1868, pp. 79-124.) Same, revision of, 1867-68. (An. rep. 1868, pp. 125-135.)

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— Agricultural educational convention. Meeting, Chicago, Aug., 1871. (An. rep. 1871, p. 424.)

— American academy of arts and sciences. Meeting, Boston, May, 1880. (An. rep. 1880, p. 399.)

— American academy of medicine. Meeting, Providence, R. I., Sept., 1880. (An. rep. 1880, p. 402.)

— American antiquarian society. Meeting, Worcester, Oct., 1874. (An. rep. 1874, p. 520.)

— American articulation teachers of the deaf. Meeting, New York, June, 1884. (An. rep. 1883-84, p. 314.)

— American association for the advancement of science. Meeting, Portland, Aug., 1873. (An. rep. 1873, p. 489.) Meeting, Hartford, Aug., 1874. (An. rep. 1874, p. 518.) Meeting, Detroit, Aug., 1875. (An. rep. 1875, p. 543.) Meeting, Buffalo, Aug., 1876. (An. rep. 1876, p. 472.) Meeting, Nashville, Aug., 1877. (An. rep. 1877, p. 300.) Meeting, St. Louis, Aug., 1878. (An. rep. 1878, p. 300.) Meeting, Boston, Aug., 1880. (An. rep. 1880, p. 399.) Meeting, Cincinnati, Aug., 1881. (An. rep. 1881, p. 317.) Meeting, Montreal, Aug., 1882. (An. rep. 1882-83, p. 312.) Meeting, Philadelphia, Sept., 1884. (An. rep. 1883-84, p. 311.) Meeting, Ann Arbor, Aug., 1885. (An. rep. 1884-85, p. 321.)

— American association of instructors of the blind. Meeting, Louisville, Ky., Aug., 1880. (An. rep. 1880, p. 401.)

— American economic association. Organized at Saratoga, Sept., 1885. (An. rep. 1884-85, p. 321.)

— American Froebel union. Meeting, Boston, —, 1879. (An. rep. 1879, p. 300.) Meeting, New York, Mar., 1880. (An. rep. 1880, p. 397.) Meeting, Madison, July, 1884. (An. rep. 1883-84, p. 312.) Meeting, Saratoga, July, 1885. (An. rep. 1884-85, p. 325.)

— American geographical society. Meeting, —, Feb., 1875. (An. rep. 1875, p. 529.)

— American health association. Meeting, Chicago, Sept., 1877. (An. rep. 1877, p. 304.) Meeting, Richmond, Nov., 1878. (An. rep. 1878, p. 301.) Meeting, New Orleans, Dec., 1880. (An. rep. 1880, p. 402.)

— American historical association. Second annual meeting, Saratoga. (An. rep. 1884-85, p. 321.)

— American institute of christian philosophy. Meeting, Warwick Woodlands, N. Y., July, 1881. (An. rep. 1881, p. 317.)

— American institute of civics. First meeting, Saratoga, July, 1885. (An. rep. 1884, p. 322.)

- Conventions, etc., Educational.** [In general.] American institute of instruction. Meeting, Worcester, July, 1870. (An. rep. 1870, p. 409.) Meeting, Fitchburg, July, 1871. (An. rep. 1871, p. 420.) Meeting, Lewiston, Me., Aug., 1872. (An. rep. 1872, p. 427.) Meeting, North Adams, —, 1874. (An. rep. 1874, p. 520.) Meeting, Providence, July, 1875. (An. rep. 1875, p. 536.) Meeting, Montpelier, July, 1877. (An. rep. 1877, p. 299.) Meeting, Fabyan House, N. H., July, 1878. (An. rep. 1878, p. 297.) Meeting, Fabyan House, N. H., —, 1879. (An. rep. 1879, p. 293.) Meeting, Saratoga, July, 1880. (An. rep. 1880, p. 395.) Meeting, St. Albans, July, 1881. (An. rep. 1881, p. 313.) Meeting, Fabyan's, July, 1883. (An. rep. 1883-84, p. 312.) Meeting, Newport, July, 1885. (An. rep. 1884-85, p. 320.)
- American instructors of the deaf and dumb. (An. rep. 1882-83, p. 313; 1884-85, p. 320.)
- American medical association. Meeting, Buffalo, N. Y., June, 1878. (An. rep. 1878, p. 293.) Meeting, Atlanta, Ga., May, 1879. (An. rep. 1879, p. 299.) Meeting, New York, May, 1880. (An. rep. 1880, p. 403.) Meeting, Richmond, May, 1881. (An. rep. 1881, p. 317.) Meeting, St. Paul, June, 1882. (An. rep. 1882-83, p. 311.) Meeting, Washington, May, 1884. (An. rep. 1883-84, p. 313.)
- American missionary association. Conference, Nashville, Dec. 1881. (An. rep. 1881, p. 316.)
- American normal association. Meeting, Cleveland, Aug. 14, 1870. (An. rep. 1870, p. 407.)
- NOTE.**—See note under National educational association:
- American Oriental society. Meeting, New York, Oct., 1874. (An. rep. 1874, p. 520.)
- American philological association (organized in 1863). Meeting, Hartford, July, 1874. (An. rep. 1874, p. 519.) Meeting, Newport, July, 1875. (An. rep. 1875, p. 535.) Meeting, New York, July, 1876. (An. rep. 1876, p. 468.) Meeting, Baltimore, July, 1877. (An. rep. 1877, p. 302.) Meeting, Philadelphia, July, 1880. (An. rep. 1880, p. 397.) Meeting, Cleveland, July, 1881. (An. rep. 1881, p. 315.) Meeting, Cambridge, July, 1882. (An. rep. 1882-83, p. 313.) Meeting, Hanover, July, 1884. (An. rep. 1883-84, p. 313.)
- American social science association. Meeting, New York, May, 1874. (An. rep. 1874, p. 521.) Meeting, Detroit, May, 1875. (An. rep. 1875, p. 531.) Meeting, Saratoga, Sept., 1876. (An. rep. 1876, p. 469.) Meeting, Saratoga, Sept., 1877. (An. rep. 1877, p. 301.) Meeting, Saratoga, Sept., 1879. (An. rep. 1879, p. 297.) Meeting, Saratoga, Sept., 1880. (An. rep. 1880, p. 400.) Meeting, Saratoga, Sept., 1881. (An. rep. 1881, p. 314.) Meeting, Saratoga, Sept., 1882. (An. rep. 1882-83, p. 314.) Meeting, Saratoga, Sept., 1885. (An. rep. 1884-85, p. 321.)
- Association of normal school teachers (of New York and Canada). Meeting, Westfield, N. Y. (An. rep. 1874, p. 522.)
- Business college teachers' and penmen's association. Meeting, Chicago, July, 1880. (An. rep. 1880, p. 398.) Meeting, Rochester, July, 1884. (An. rep. 1883-84, p. 314.)
- Central college association. Meeting, Oberlin, Ohio, Aug. 23, 1870. (An. rep. 1870, pp. 410-411.)
- Chautauqua literary and scientific circle. Twelfth annual meeting, Chautauqua, N. Y., July, 1885. (An. rep. 1884-85, p. 324.)
- College presidents. Meeting at Hanover, N. H., Nov., 1874. (An. rep. 1874, p. 521.)
- Conference of librarians. Meeting, Philadelphia, Oct., 1876. (An. rep. 1876, p. cxxx.) Meeting, Boston, June or July, 1879. (An. rep. 1879, p. 297.)
- Conference of officers of prisons and reformatories. (An. rep. 1883-84, p. 314.)
- Conference of principals of schools for the deaf and dumb. Meeting, Northampton, Mass., May, 1880. (An. rep. 1880, p. 401.)
- Educational conventions and anniversaries during the summer of 1876, pp. —. (Misc. pubs. 187-.)
- Educational conventions at New Orleans, *noticed*. (An. rep. 1884-85, p. 324.)
- German-American teachers' union. Meeting, Cincinnati, Aug., 1871. (An. rep. 1871, p. 422.) Meeting, Hoboken, N. J., July, 1872. (An. rep. 1872, p. 428.)
- German-American teachers' association. Meeting, New York, July, 1878. (An. rep. 1878, p. 299.) Meeting, Cincinnati, July, 1879. (An. rep. 1879, p. 295.) Meeting, Newark, N. J., July, 1880. (An. rep. 1880, p. 397.)
- Homœopathic intercollegiate congress. Meeting, Indianapolis, Ind., April, 1879. (An. rep. 1879, p. 300.)
- Intercollegiate literary association. Meeting, Hartford, —, 1876. (An. rep. 1876, p. 471.) Meeting, New York, Jan., 1877. (An. rep. 1877, p. 303.) Meeting, New York, Jan., 1878. (An. rep. 1878, p. 293.) Meeting, New York (?), Jan., 1879. (An. rep. 1879, p. 296.)

Conventions, etc., Educational. [In general.] International conference on education. Philadelphia, 1876. p. 92. (Misc. pubs. 1877.)

— International educational congress at Havre. pp. 6. (Misc. pubs. 1885.)

— International educational congress to be held at Brussels, Belgium, Aug., 1880. pp. 10. (Misc. pubs. 1880.)

— International normal educational conference. Formation of, at Thousand Islands Park, in 1878, and meeting at same place, Aug., 1879. (An. rep. 1879, p. 297.) Meeting (under name of International society for investigating and promoting the science of teaching), at same place, Aug., 1880. (An. rep. 1880, p. 396.)

— Interstate collegiate oratorical contest. Held at Oberlin, O., May, 1880. (An. rep. 1880, p. 398.)

— Interstate educational convention, Chattanooga, Tenn., 1875. (An. rep. 1875, p. 534.)

— Kindergarten convention. Meeting at Detroit, Dec., 1879. (An. rep. 1879, p. 300.)

— Methodist Episcopal, Boston, Nov., 1874. (An. rep. 1871, p. 417.)

— Modern language association. Second annual meeting, New York, Dec., 1884. (An. rep. 1884-85, p. 323.)

— Music teachers' national association. Meeting, Cleveland, July, 1884. (An. rep. 1883-84, p. 314.)

— National academy of sciences. Meeting, New York, Oct., 1879. (An. rep. 1879, p. 298.) Semi-annual meeting, Washington, April, 1880. (An. rep. 1880, p. 400.) Meeting, New York, Nov., 1880. (An. rep. 1880, p. 400.) Meeting, Washington, April, 1882. (An. rep. 1882-83, p. 311.) Meeting, Washington, April, 1884. (An. rep. 1883-84, p. 312.)

— National association for sanitary and rural improvements. Meeting, Greenwood Lake, N. Y., July, 1882. (An. rep. 1882-83, p. 311.)

— National Baptist educational conventions. Meeting, Brooklyn, April, 1870. (An. rep. 1871, p. 418.) Meeting, Philadelphia, May, 1872. (An. rep. 1872, p. 428.)

— National conference of charities and corrections. Held at Boston, July, 1881. (An. rep. 1881, p. 315.)

— National council of education. Formation of, at Chautauqua, July, 1880. (An. rep. 1880, p. 394.) Meeting, Atlanta, July, 1881. (An. rep. 1881, p. 312.) Meeting, Saratoga, July, 1882. (An. rep. 1882-83, p. 309.) Meeting, Madison, July, 1884. (An. rep. 1883-84, p. 311.)

— National eclectic medical association. Meeting, Chicago, June, 1880. (An. rep. 1880, p. 403.)

— National educational assembly. First annual meeting, Ocean Grove, N. J., Aug., 1882. (An. rep. 1882-83, p. 312.)

— National educational association. Meeting, St. Louis, Aug., 1871. (An. rep. 1871, p. 412.) Meeting, Boston, Aug., 1872. (An. rep. 1872, p. 419.) Meeting, Elmira, Aug., 1873. (An. rep. 1873, p. 423.) Meeting, Detroit, Aug., 1874. (An. rep. 1874, p. 517.) Meeting, Minneapolis, Aug., 1875. (An. rep. 1875, p. 540.) Meeting, Baltimore, July, 1876. (An. rep. 1876, p. 466.) Meeting, Louisville, Aug., 1877. (An. rep. 1877, p. 298.) Meeting, Philadelphia, July, 1879. (An. rep. 1879, p. 292.) Meeting, Chautauqua, July, 1880. (An. rep. 1880, p. 393.) Meeting, Atlanta, July, 1881. (An. rep. 1881, p. 308.) Meeting, Saratoga (with American institute of instruction), July, 1882. (An. rep. 1882-83, p. 308.) Meeting, Saratoga, July, 1883. (An. rep. 1883-84, p. 310.) Meeting, Madison, July, 1884. (An. rep. 1883-84, p. 310.) Meeting, Saratoga, July, 1885. (An. rep. 1884-85, p. 318.)

— Department of superintendence of. Proceedings, 1874. pp. 77. (Circ. inf. 1, 1874.) Proceedings [with alphabetical chart], 1875. pp. 114. (Circ. inf. 1, 1875.) Proceedings, 1877 and 1879, and proceedings of the conference of college presidents and delegates, Columbus, O., Dec. 1877. pp. 192. (Circ. inf. 2, 1879.) Proceedings, 1880. pp. 112. (Circ. inf. 2, 1880.) Proceedings, 1881. pp. 79. (Circ. inf. 3, 1881.) Proceedings, 1882. pp. 112. (Circ. inf. 2, 1882.) Proceedings, 1883. pp. 81. (Circ. inf. 3, 1883.) Proceedings, 1884. pp. 176. (Circ. inf. 4, 1884.) Proceedings, 1886. pp. 91. (Circ. inf. 2, 1886.) Proceedings, 1887. pp. 200. (Circ. inf. 3, 1887.) Proceedings, 1888. pp. 165. (Circ. inf. 6, 1888.) Proceedings, 1889. pp. 300. (Circ. inf. 2, 1889.)

NOTE.—Formed by consolidation of the National teachers' association, the National superintendents' association, and the American normal school association; organized into a general association with four departments, viz: Elementary department, Normal department, Department of higher education, and Department of superintendence.

— National teachers' association. Meeting of, at Cleveland, Ohio, Aug. 17, 1870. (An. rep. 1870, pp. 406-407.)

— National teachers' reading circle. Meeting at Saratoga, July, 1885. (An. rep. 1884-85, p. 314.)

- Conventions, etc., Educational.** [In general.] New England association of school superintendents. Meeting, Boston, Oct., 1873. (An. rep. 1873, p. 490.) Semi-annual meeting, Boston, May, 1875. (An. rep. 1875, p. 529.) Semi-annual meeting, Boston, Oct., 1876. (An. rep. 1876, p. 470.) Semi-annual meeting, Boston, May, 1877. (An. rep. 1877, p. 300.) Semi-annual meeting, Boston, Oct., 1878. (An. rep. 1878, p. 300.) Semi-annual meeting, Boston, May, 1879. (An. rep. 1879, p. 295.) Semi-annual meeting, Boston, Oct., 1879. (An. rep. 1879, p. 295.) Semi-annual meeting, Boston, May, 1880. (An. rep. 1880, p. 395.) Semi-annual meeting, Boston, Oct., 1880. (An. rep. 1880, p. 396.) Semi-annual meeting, Boston, May, 1881. (An. rep. 1881, p. 312.) Semi-annual meeting, Boston, Oct., 1881. (An. rep. 1881, p. 312.) Semi-annual meeting, Boston, May, 1882. (An. rep. 1882-83, p. 310.) Semi-annual meeting, Boston, Oct., 1882. (An. rep. 1882-83, p. 310.) Semi-annual meeting, Boston, May, 1884. (An. rep. 1883-84, p. 313.) Semi-annual meeting, Boston, Oct., 1885. (An. rep. 1884-85, p. 322.)
- New England Baptist educational convention. Worcester, May, 1871. (An. rep. 1871, p. 418.)
- New England normal school teachers' association. Eighth annual meeting, Boston, Feb., 1885. (An. rep. 1884-85, p. 323.)
- Northwestern interstate collegiate association. Meeting at Iowa City, May, 1879. (An. rep. 1879, p. 296.)
- Pedagogical association. Meeting at (?) Nov., 1879. (An. rep. 1879, p. 299.) Meeting at Ann Arbor, Mich., Jan., 1880. (An. rep. 1880, p. 396.)
- Society for political education. Meeting (?) (An. rep. 1880, p. 402.)
- Southern educational association. Meeting at Chattanooga, Tenn., Aug., 1878. (An. rep. 1878, p. 299.)
- Spelling reform association. Meeting at Baltimore, July, 1877. (An. rep. 1877, p. 303.) Meeting at Chautauqua, July, 1880. (An. rep. 1880, p. 397.) Meeting at Harvard university, July, 1882. (An. rep. 1882-83, p. 314.) Meeting at Hanover, N. H., July, 1884. (An. rep. 1883-84, p. 313.)
- Western Baptist educational convention. Chicago, May, 1871. (An. rep. 1871, p. 419.)
- Conventions, etc., Educational.** [By States.]
- ALABAMA. (An. rep. 1871, p. 69; 1872, p. 6; 1880, p. 10; 1881, p. 8; 1882-83, p. 9; 1883-84, p. 10; 1884-85, p. 10.)
- ARKANSAS. (An. rep. 1871, p. 72; 1877, p. 12; 1878, p. 13; 1879, p. 12; 1880, p. 17; 1881, p. 12; 1882-83, p. 13; 1883-84, p. 16; 1884-85, p. 16.)
- CALIFORNIA. (An. rep. 1876, p. 34; 1877, p. 20; 1878, p. 21; 1879, p. 19; 1880, p. 25; 1881, p. 19; 1882-83, p. 21; 1883-84, p. 25; 1884-85, p. 25.)
- CALIFORNIA State teachers' institute. Meeting, San Francisco, Sept. 13, 1870. (An. rep. 1870, p. 416.)
- COLORADO. (An. rep. 1875, p. 476; 1878, p. 25; 1879, p. 24; 1880, p. 34; 1881, p. 24; 1882-83, p. 26; 1884-85, p. 31.)
- CONNECTICUT. (An. rep. 1871, p. 107; 1872, p. 35; 1875, p. 58; 1877, p. 30; 1878, p. 32; 1879, p. 31; 1880, p. 44; 1881, p. 32; 1882-83, p. 35; 1883-84, p. 42; 1884-85, p. 41.)
- CONNECTICUT. State teachers' association. Meeting, New Haven, Oct. 20, 1870. (An. rep. 1870, p. 413.)
- DAKOTA. (An. rep. 1877, p. 277; 1878, p. 272.)
- DELAWARE. (An. rep. 1875, p. 63; 1880, p. 51; 1881, p. 37; 1883-84, p. 47.)
- DISTRICT OF COLUMBIA. (An. rep. 1880, p. 367; 1881, p. 290; 1882-83, p. 292; 1883-84, p. 297; 1884-85, p. 298.)
- FLORIDA. (An. rep. 1881, p. 40; 1882-83, p. 43.)
- GEORGIA. (An. rep. 1875, p. 78; 1877, p. 42; 1878, p. 48; 1879, p. 45; 1880, p. 64; 1881, p. 46; 1882-83, p. 48; 1883-84, p. 58; 1884-85, p. 56.)
- ILLINOIS. (An. rep. 1870, p. 113; 1872, p. 104; 1874, p. 94; 1875, p. 94; 1876, p. 91; 1877, p. 51; 1878, p. 57; 1879, p. 54; 1880, p. 76; 1881, p. 55; 1882-83, p. 58; 1883-84, p. 69; 1884-85, p. 67.)
- INDIANA. (An. rep. 1873, p. 104; 1874, p. 109; 1875, p. 110; 1876, p. 107; 1877, p. 59; 1878, p. 66; 1879, p. 62; 1880, p. 85; 1881, p. 64; 1882-83, p. 68; 1883-84, p. 80; 1884-85, p. 76.)
- State collegiate association. Meeting at Indianapolis, July 7, 1870. (An. rep. 1870, p. 415.)
- IOWA. (An. rep. 1870, p. 120; 1875, p. 123; 1876, p. 119; 1877, p. 68; 1878, p. 72; 1879, p. 69; 1880, p. 95; 1881, p. 73; 1882-83, p. 77; 1883-84, p. 89; 1884-85, p. 85.)
- KANSAS. (An. rep. 1873, p. 120; 1875, p. 134; 1878, p. 80; 1879, p. 75; 1880, p. 105; 1881, p. 80; 1882-83, p. 83; 1883-84, p. 95; 1884-85, p. 93.)
- KANSAS State teachers' association. Annual meeting, June 29, 1870. (An. rep. 1870, p. 411.)
- KENTUCKY. (An. rep. 1871, p. 189; 1872, p. 129; 1873, p. 131; 1874, p. 141; 1875, p. 147; 1876, p. 142; 1877, p. 80; 1878, p. 86; 1879, p. 82; 1880, p. 115; 1881, p. 85; 1882-83, p. 89; 1883-84, p. 103; 1884-85, p. 99.)

- Conventions, etc., Educational. [By States.] LOUISIANA. (An. rep. 1873, p. 140; 1880, p. 122; 1881, p. 90; 1883-84, p. 110; 1884-85, p. 106.)
- MAINE. (An. rep. 1871, p. 206; 1872, p. 146; 1873, p. 150; 1874, p. 165; 1875, p. 167; 1876, p. 162; 1877, p. 93; 1878, p. 95; 1879, p. 93; 1880, p. 131; 1881, p. 95; 1882-83, p. 99; 1883-84, p. 117; 1884-85, p. 113.)
- MARYLAND. (An. rep. 1873, p. 162; 1874, p. 177; 1875, p. 181; 1877, p. 100; 1878, p. 103; 1879, p. 100; 1881, p. 103; 1882-83, p. 106; 1883-84, p. 125; 1884-85, p. 123.)
- MASSACHUSETTS. (An. rep. 1871, p. 236; 1872, p. 177; 1873, p. 186; 1874, p. 197; 1875, p. 203; 1877, p. 116; 1878, p. 117; 1879, p. 115; 1880, p. 155; 1881, p. 119; 1882-83, p. 122; 1883-84, p. 141; 1884-85, p. 138.)
- MICHIGAN. (An. rep. 1874, p. 216; 1875, 219; 1876, p. 209; 1877, p. 128; 1878, p. 128; 1879, p. 126; 1880, p. 168; 1881, p. 130; 1882-83, p. 133; 1883-84, p. 150; 1884-85, p. 146.)
- Association of county superintendents. Meeting at Grand Rapids, Aug. 8, 1870. (An. rep. 1870, p. 412.)
- State teachers' association. Meeting at Grand Rapids, Aug. 10, 1870. (An. rep. 1870, p. 414.)
- MINNESOTA. (An. rep. 1871, p. 253; 1872, pp. 190-192; 1876, p. 219; 1877, p. 136; 1878, p. 134; 1879, p. 131; 1880, p. 176; 1881, p. 136; 1882-83, p. 139; 1883-84, p. 155; 1884-85, p. 153.)
- MISSISSIPPI. (An. rep. 1877, p. 141; 1878, p. 139; 1879, p. 135; 1881, p. 142; 1882-83, p. 144; 1883-84, p. 161.)
- MISSOURI. (An. rep. 1873, p. 230; 1874, p. 248; 1875, p. 253; 1876, p. 239; 1877, p. 151; 1878, p. 147; 1879, p. 143; 1880, p. 192; 1881, p. 150; 1882-83, p. 151; 1883-84, p. 169; 1884-85, p. 165.)
- MONTANA. (An. rep. 1882-83, p. 300; 1883-84, p. 303; 1884-85, 305.)
- NEBRASKA. (An. rep., 1873, p. 239; 1874, p. 258; 1875, p. 261; 1876, p. 246; 1877, p. 156; 1878, p. 153; 1879, p. 148; 1880, p. 199; 1883-84, p. 174; 1884-85, p. 171.)
- NEVADA. (An. rep. 1878, p. 157; 1883-84, p. 177; 1884-85, p. 175.)
- NEW HAMPSHIRE. (An. rep. 1872, p. 222; 1873, p. 254; 1874, p. 274; 1875, p. 273; 1876, p. 259; 1877, p. 164; 1878, p. 162; 1879, p. 157; 1880, p. 209; 1881, p. 163; 1882-83, p. 165; 1883-84, p. 182; 1884-85, p. 181.)
- NEW JERSEY. (An. rep. 1875, p. 285; 1877, p. 173; 1878, p. 171; 1879, p. 164; 1881, p. 171; 1882-83, p. 173; 1883-84, p. 190; 1884-85, p. 190.)
- NEW YORK. (An. rep. 1872, pp. 234, 253; 1873, p. 293; 1874, p. 311; 1875, p. 311; 1876, p. 291; 1877, p. 184; 1878, p. 182; 1879, p. 178; 1880, p. 233; 1881, p. 190; 1882-83, p. 188; 1883-84, p. 204; 1884-85, p. 206.)
- New York State teachers' association. Meeting at Syracuse, July 26, 1870. (An. rep. 1870, p. 416.)
- NORTH CAROLINA. (An. rep. 1873, p. 304; 1874, p. 323; 1875, p. 325; 1877, p. 193; 1878, p. 189; 1879, p. 184; 1880, p. 242; 1881, p. 198; 1882-83, p. 197; 1883-84, p. 210.)
- OHIO. (An. rep. 1872, p. 280; 1874, p. 344; 1875, p. 343; 1876, p. 320; 1877, p. 205; 1878, p. 198; 1879, p. 192; 1880, p. 255; 1881, p. 208; 1882-83, p. 210; 1883-84, p. 221; 1884-85, p. 222.)
- Ohio State teachers' association. Annual meeting, Columbus, July 5, 1870. (An. rep. 1870, p. 411.)
- OREGON. (An. rep. 1876, p. 328; 1878, p. 203; 1879, p. 197; 1880, p. 263; 1881, p. 214; 1882-83, p. 215; 1883-84, p. 226.)
- PENNSYLVANIA. (An. rep. 1871, p. 327; 1872, p. 300; 1873, p. 349; 1874, p. 372; 1875, p. 370; 1877, p. 222; 1878, p. 213; 1879, p. 208; 1880, p. 279; 1881, p. 226; 1883-84, p. 241; 1884-85, p. 238.)
- RHODE ISLAND. (An. rep. 1873, p. 358; 1874, p. 384; 1875, p. 383; 1876, p. 359; 1877, p. 230; 1878, p. 220; 1879, p. 216; 1880, p. 288; 1881, p. 233; 1882-83, p. 235; 1883-84, p. 247; 1884-85, p. 245.)
- SOUTH CAROLINA. (An. rep. 1876, p. 368; 1880, p. 296; 1881, p. 239; 1882-83, p. 240; 1883-84, p. 254; 1884-85, p. 252.)
- TENNESSEE. (An. rep. 1871, p. 348; 1872, p. 325; 1873, p. 378; 1874, p. 405; 1875, p. 404; 1877, p. 243; 1878, p. 231; 1879, p. 229; 1880, p. 306; 1881, p. 245; 1882-83, p. 246; 1883-84, p. 260; 1884-85, p. 258.)
- TEXAS. (An. rep. 1873, p. 387; 1878, p. 237; 1879, p. 234; 1880, p. 315; 1881, p. 250; 1882-83, p. 252; 1883-84, p. 265; 1884-85, p. 263.)
- UTAH TERRITORY. (An. rep. 1880, p. 385.)
- VERMONT. (An. rep. 1871, p. 355; 1872, p. 335; 1874, p. 421; 1875, p. 419; 1876, p. 397; 1877, p. 253; 1878, p. 242; 1879, p. 240; 1880, p. 322; 1881, p. 255; 1882-83, p. 257; 1883-84, p. 270; 1884-85, p. 267.)
- VIRGINIA. (An. rep. 1872, p. 346; 1873, p. 402; 1874, p. 436; 1875, p. 436; 1876, p. 408; 1877, p. 260; 1878, p. 249; 1879, p. 248; 1880, p. 332; 1881, p. 262; 1883-84, p. 276; 1884-85, p. 275.)

- Conventions, etc., Educational. [By States.] VIRGINIA. County superintendents' meeting at Richmond, Nov. 2, 1870. (An. rep. 1870, p. 415.)
- WASHINGTON TERRITORY. (An. rep. 1877, p. 295; 1879, p. 289; 1880, p. 389; 1881, p. 305.)
- WEST VIRGINIA. (An. rep. 1872, pp. 352, 353; 1874, p. 445; 1875, p. 446; 1876, p. 416; 1877, p. 265; 1878, p. 254; 1879, p. 254; 1880, p. 339; 1881, p. 267; 1882-83, p. 268; 1883-84, p. 280; 1884-85, p. 279.)
- WISCONSIN. (An. rep. 1871, p. 372; 1872, p. 362; 1873, p. 422; 1874, p. 457; 1875, p. 460; 1876, p. 427; 1877, p. 273; 1878, p. 263; 1879, p. 262; 1880, p. 349; 1881, p. 276; 1882-83, p. 276; 1883-84, p. 241; 1884-85, p. 285.)
- WISCONSIN State teachers' association. Meeting, Watertown, July 12, 1870. (An. rep. 1870, p. 415.)
- Council, W. H. Need of educated labor in the South. (Circ. inf. 5, 1888, p. 80.)
- Country schools. *See* Rural schools.
- Courses of study.
- Colleges for women. (An. rep. 1887-88, pp. 594, 614-621.)
- ELIOT, C. W. Can school programmes be shortened and enriched? (An. rep. 1886-87, pp. 1005-1014.)
- Kindergarten training schools. (An. rep. 1886-87, p. 491; 1887-88, pp. 479, 489.)
- Length of, in colleges. (An. rep. 1885-86, pp. 499-508.)
- Nurses' training schools. (An. rep. 1886-87, p. 815; 1887-88, p. 942.)
- Normal schools in France. (An. rep. 1885-86, p. 318.)
- Normal schools in Prussia. (An. rep. 1885-86, p. 316.)
- Normal schools in Saxony. (An. rep. 1885-86, p. 317.)
- Private schools. (An. rep. 1885-86, p. 361.)
- Secondary schools. (An. rep. 1886-87, pp. 494, 495, 503.)
- Courses of study [by States]:
- ALABAMA. (An. rep. 1885-86, p. 48.)
- ALASKA. (An. rep. 1887-88, p. 10.)
- CALIFORNIA. (An. rep. 1873, pp. 22, 26; 1885-86, p. 55.)
- COLORADO. (An. rep. 1882-83, pp. 26, 27; 1885-86, p. 59.)
- CONNECTICUT. (An. rep. 1885-86, p. 61.)
- State normal and training school. Course of instruction. (An. rep. 1885-86, p. 311.)
- DAKOTA TERRITORY. (An. rep. 1887-88, p. 98.)
- DELAWARE. (An. rep. 1873, p. 54; 1874, p. 55.)
- DISTRICT OF COLUMBIA. (An. rep. 1873, pp. 435, 437; 1887-88, p. 103.)
- FLORIDA. (An. rep. 1885-86, p. 72.)
- ILLINOIS. (An. rep. 1873, p. 81; 1885-86, p. 77.)
- INDIANA. (An. rep. 1873, p. 101; 1885-86, p. 82; 1886-87, pp. 178-187, 188.)
- Indiana State normal school. Course of instruction, with explanatory remarks. (An. rep. 1885-86, p. 311.)
- KANSAS. (An. rep. 1874, p. 125; 1885-86, p. 95; 1887-88, p. 111.)
- KENTUCKY. (An. rep. 1874, p. 133; 1885-86, p. 99.)
- MAINE. (An. rep. 1885-86, p. 102; 1886-87, p. 141.)
- MARYLAND. (An. rep. 1874, p. 168; 1885-86, p. 104.)
- MASSACHUSETTS. (An. rep. 1874, pp. 182, 183; 1885-86, p. 107.)
- MISSISSIPPI. (An. rep. 1885-86, p. 116.)
- NEBRASKA. (An. Rep. 1873, pp. 236, 237; 1885-86, p. 122; 1887-88, p. 123.)
- NEVADA. (An. rep. 1885-86, p. 125.)
- NEW HAMPSHIRE. (An. rep. 1873, pp. 252, 253.)
- NEW JERSEY. (An. rep. 1873, p. 265; 1885-86, p. 130.)
- NEW YORK. (An. rep. 1873, pp. 277, 280; 1885-86, p. 134.)
- State normal school at Albany, course of study in. (An. rep. 1885-86, p. 311; 1886-87, p. 434.)
- NORTH CAROLINA. (An. rep. 1885-86, p. 139.)
- OHIO. (An. rep. 1874, pp. 328, 315, 318; 1887-88 (Marietta College), p. 670.)
- OREGON. (An. rep. 1885-86, p. 145.)
- PENNSYLVANIA. (An. rep. 1874, pp. 353, 359; 1885-86, p. 148.)
- PENNSYLVANIA State normal school. (An. rep. 1886-87, p. 440.)
- SOUTH CAROLINA. (An. rep. 1885-86, p. 156; 1887-88, p. 673.)
- TENNESSEE. (An. rep. 1885-86, p. 156.)
- TEXAS. (An. rep. 1885-86, p. 162.)
- VERMONT. (An. rep. 1885-86, p. 163.)
- VIRGINIA. (An. rep. 1874, p. 398; 1885-86, p. 172; 1887-88, p. 153.)
- WEST VIRGINIA. (An. rep. 1885-86, p. 181; 1887-88, p. 155.)
- WISCONSIN. (An. rep. 1885-86, p. 188; 1887-88, p. 156.)
- Cutter, Charles A. Library catalogues. (Pub. libs. 1876, pp. 526-622.)
- Rules for a printed dictionary catalogue, pp. 89. (Spec. rep. pub. libs., part II.)
- Same, second edition, with corrections and additions, pp. 133. (Spec. rep. 1889.)

- Cutter, Ephraim. Relation of medicine to music. (Circ. inf. 1, 1886, p. 35.)
- Dakota, Education in. (An. rep. 1870, pp. 319-320; 1871, p. 379; 1872, pp. 371-372; 1873, p. 433; 1874, pp. 466-468; 1875, pp. 477-480; 1876, pp. 434-436; 1877, pp. 276-277; 1878, pp. 270-272; 1879, p. 267-269; 1880, pp. 356-359; 1881, pp. 281-284; 1882-83, pp. 285-287; 1883-84, pp. 291-293; 1884-85, pp. 290-293.) *For further information see under State school systems, by States.*
- Dall, William H. Alaska. (An. rep. 1875, pp. 463-466.)
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 - IV. Massachusetts art teachers' association.
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- **MISSOURI.** (An. rep. 1870, pp. 205, 206; 1871, p. 264; 1872, p. 203; 1873, p. 228; 1874, p. 241; 1875, p. 217; 1876, p. 234; 1877, p. 146; 1878, p. 144; 1879, p. 139; 1880, p. 183; 1881, p. 145; 1882-83, p. 147; 1883-84, p. 164; 1884-85, p. 160; 1885-86, p. 31; 1886-87, p. 428; 1887-88, p. 433.)
- St. Louis City normal school. (An. rep. 1868, p. 609.)
- **MONTANA.** (An. rep. 1884-85, p. 305; 1886-87, p. 430; 1887-88, p. 434.)
- **NEBRASKA.** (An. rep. 1873, p. 237; 1874, p. 253; 1875, p. 258; 1876, p. 244; 1877, p. 154; 1878, p. 151; 1879, p. 146; 1880, p. 197; 1881, p. 153; 1882-83, p. 154; 1883-84, p. 172; 1884-85, p. 165; 1885-86, p. 32; 1886-87, p. 430; 1887-88, p. 434.)
- State normal school at Peru. (An. rep. 1868, p. 791.)
- **NEVADA.** (An. rep. 1871, p. 274; 1873, p. 245; 1878, p. 156; 1880, p. 203; 1883-84, p. 176; 1884-85, p. 174; 1885-86, p. 33; 1886-87, p. 431; 1887-88, p. 434.)
- **NEW HAMPSHIRE.** (An. rep. 1871, p. 277; 1872, p. 220; 1873, p. 252; 1874, p. 268; 1875, p. 270; 1876, p. 257; 1877, p. 163; 1878, p. 160; 1879, p. 155; 1880, p. 207; 1881, p. 161; 1882-83, p. 163; 1883-84, p. 180; 1884-85, p. 179; 1885-86, p. 33; 1886-87, p. 431; 1887-88, p. 435.)
- **NEW JERSEY.** (An. rep. 1870, p. 223; 1871, p. 284; 1873, p. 264; 1874, p. 281; 1875, p. 280; 1876, p. 267; 1877, p. 170; 1878, p. 168; 1879, p. 161; 1880, p. 215; 1881, p. 169; 1882-83, p. 170; 1883-84, p. 187; 1884-85, p. 187; 1886-87, p. 432; 1887-88, p. 436.)
- New Jersey State normal school. (An. rep. 1868, p. 729.)
- **NEW MEXICO.** (An. rep. 1886-87, p. 433.)
- **NEW YORK.** (An. rep. 1870, p. 231; 1871, p. 295; 1872, p. 234; 1873, p. 284; 1874, p. 300; 1875, p. 293; 1876, p. 281; 1877, p. 179; 1878, p. 177; 1879, p. 171; 1880, p. 226; 1881, p. 180; 1882-83, p. 180; 1883-84, p. 197; 1884-85, p. 198; 1885-86, p. 33; 1886-87, p. 433; 1887-88, p. 437.)
- State normal and training school at Oswego. (An. rep. 1868, p. 713.)
- State normal school at Albany. (An. rep. 1868, p. 703.)
- **NORTH CAROLINA.** (An. rep. 1873, p. 303; 1874, p. 320; 1875, p. 322; 1876, p. 299; 1877, p. 191; 1878, p. 187; 1879, p. 182; 1880, p. 239; 1881, p. 195; 1882-83, p. 194; 1883-84, p. 208; 1884-85, p. 210; 1885-86, p. 34; 1886-87, p. 437; 1887-88, p. 441.)
- **OHIO.** (An. rep. 1870, p. 254; 1872, p. 272; 1873, p. 321; 1874, p. 332; 1875, p. 334; 1876, p. 313; 1877, p. 201; 1878, p. 194; 1879, p. 189; 1880, p. 251; 1881, p. 204; 1882-83, p. 205; 1883-84, p. 216; 1884-85, p. 217; 1885-86, p. 35; 1886-87, p. 438; 1887-88, p. 441.)
- History of normal schools in Ohio. (An. rep. 1868, p. 793.)
- Professional training of teachers in Ohio, by E. E. White. (An. rep. 1868, pp. 795-805.)
- State normal schools. (An. rep. 1868, p. 752.)
- **OREGON.** (An. rep. 1874, p. 351; 1876, p. 325; 1877, p. 209; 1878, p. 202; 1879, p. 195; 1880, p. 261; 1881, p. 212; 1882-83, p. 213; 1883-84, p. 224; 1884-85, p. 224; 1885-86, p. 35; 1886-87, p. 439; 1887-88, p. 444.)
- **PENNSYLVANIA.** (An. rep. 1870, p. 271; 1871, pp. 326, 329; 1872, p. 291; 1873, p. 343; 1874, p. 363; 1875, p. 361; 1876, p. 339; 1877, p. 217; 1878, p. 208; 1879, p. 203; 1880, p. 272; 1881, p. 219; 1882-83, p. 223; 1883-84, p. 234; 1884-85, p. 233; 1885-86, p. 35; 1886-87, p. 440; 1887-88, p. 446.)
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- **RHODE ISLAND.** (An. rep. 1873, p. 357; 1874, p. 381; 1875, p. 380; 1876, p. 357; 1877, p. 228; 1878, p. 218; 1879, p. 214; 1880, p. 286; 1881, p. 232; 1882-83, p. 233; 1883-84, p. 245; 1884-85, p. 243; 1885-86, p. 36; 1886-87, p. 442; 1887-88, p. 450.)

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— **South Carolina State normal school, Charleston.** (An. rep. 1868, p. 785.)
 — **TENNESSEE.** (An. rep. 1873, p. 374; 1874, p. 399; 1875, p. 399; 1876, p. 375; 1877, p. 240; 1878, p. 223; 1879, p. 226; 1880, p. 302; 1881, p. 242; 1882-83, p. 243; 1883-84, p. 257; 1884-85, p. 255; 1885-86, p. 36; 1886-87, p. 444; 1887-88, p. 452.)

— **TEXAS.** (An. rep. 1874, p. 412; 1875, p. 410; 1876, p. 387; 1877, p. 246; 1878, p. 235; 1879, p. 232; 1880, p. 312; 1881, p. 248; 1882-83, p. 250; 1883-84, p. 263; 1884-85, p. 261; 1885-86, p. 37; 1886-87, p. 445; 1887-88, p. 452.)

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— **Vermont State normal schools at Randolph and Johnson.** (An. rep. 1868, pp. 789-790.)

— **VIRGINIA.** (An. rep. 1874, p. 423; 1875, p. 428; 1877, p. 258; 1878, p. 247; 1879, p. 245; 1880, p. 329; 1881, p. 259; 1882-83, p. 261; 1883-84, p. 273; 1884-85, p. 272; 1885-86, p. 37; 1886-87, p. 447; 1887-88, p. 454.)

— **WASHINGTON TERRITORY.** (An. rep. 1877, p. 295; 1878, p. 293; 1879, p. 288; 1880, p. 389; 1881, p. 304; 1882-83, p. 305; 1883-84, p. 306; 1884-85, p. 313; 1886-87, p. 449.)

— **WEST VIRGINIA.** (An. rep. 1870, p. 300; 1871, pp. 363, 368; 1872, pp. 352, 353; 1873, p. 410; 1874, p. 442; 1875, p. 444; 1876, p. 414; 1877, p. 263; 1878, p. 252; 1879, p. 252; 1880, p. 337; 1881, p. 265; 1882-83, p. 266; 1883-84, p. 278; 1884-85, p. 277; 1885-86, p. 38; 1886-87, p. 449; 1887-88, p. 455.)

— **West Virginia normal schools.** (An. rep. 1863, p. 806.)

— **WISCONSIN.** (An. rep. 1870, p. 303; 1871, p. 372; 1872, p. 359; 1873, p. 417; 1874, p. 451; 1875, p. 454; 1876, p. 424; 1877, p. 269; 1878, p. 260; 1879, p. 253; 1880, p. 345; 1881, p. 272; 1882-83, p. 272; 1883-84, p. 283; 1884-85, p. 282; 1886-87, p. 449; 1887-88, p. 456.)

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— **WYOMING.** (An. rep. 1883-84, p. 309; 1884-85, p. 317; 1886-87, p. 451.)

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- **History of normal schools in Ohio.** (An. rep. 1868, p. 793.)
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- Orcutt, Hiram.** Discipline of the school. pp. 15. (Reprint of circ. inf. Nov., 1871.) (Misc. pubs. 1881.)
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- Oregon,** Education in. (An. rep. 1870, p. 268; 1871, pp. 323-325; 1872, pp. 283-287; 1873, pp. 332-336; 1874, pp. 348-354; 1875, pp. 345-352; 1876, pp. 322-329; 1877, pp. 208-211; 1878, pp. 200-203; 1879, pp. 194-197; 1880, pp. 258-263; 1881, pp. 210-214; 1882-83, pp. 212-216; 1883-84, pp. 222-227; 1884-85, pp. 223-226.) *For further information see under State school systems (by States).*
- Orphan asylums.** **CALIFORNIA.** (An. rep. 1873, p. 32; 1874, p. 35; 1875, p. 39; 1881, p. 19; 1882-83, p. 20; 1884-85, p. 24.)
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- IOWA.** (An. rep. 1870, p. 131; 1871, p. 169; 1872, p. 116; 1873, p. 107; 1874, p. 113; 1875, p. 113; 1876, p. 111; 1877, p. 62; 1878, p. 68; 1879, p. 64; 1880, p. 90; 1881, p. 66; 1882-83, p. 71; 1883-84, p. 82; 1884-85, p. 78; 1886-87, p. 129; 1887-88, p. 111.)
- KANSAS.** (An. rep. 1870, p. 140; 1871, p. 171; 1872, p. 119; 1873, p. 115; 1874, p. 123; 1875, p. 127; 1876, p. 123; 1877, p. 69; 1878, p. 75; 1879, p. 71; 1880, p. 100; 1881, p. 75; 1882-83, p. 79; 1883-84, p. 90; 1884-85, p. 87; 1885-86, p. 29; 1886-87, p. 131; 1887-88, p. 111.)

- State school systems.** [By States.] **KENTUCKY.** (An. rep. 1870, p. 147; 1871, p. 181; 1872, p. 125; 1873, p. 122; 1874, p. 131; 1875, p. 136; 1876, p. 132; 1877, p. 74; 1878, p. 81; 1879, p. 77; 1880, p. 110; 1881, p. 81; 1882-83, p. 84; 1883-84, p. 97; 1884-85, p. 94; 1886-87, p. 136; 1887-88, p. 112.)
- **LOUISIANA.** (An. rep. 1870, p. 150; 1871, p. 192; 1872, p. 132; 1873, p. 134; 1874, p. 146; 1875, p. 150; 1876, p. 145; 1877, p. 82; 1878, p. 87; 1879, p. 84; 1880, p. 118; 1881, p. 86; 1882-83, p. 90; 1883-84, p. 104; 1884-85, p. 101; 1886-87, p. 140; 1887-88, p. 112.)
- **MAINE.** (An. rep. 1870, p. 153; 1871, p. 202; 1872, p. 138; 1873, p. 144; 1874, p. 156; 1875, p. 159; 1876, p. 153; 1877, p. 88; 1878, p. 91; 1879, p. 89; 1880, p. 126; 1881, p. 91; 1882-83, p. 94; 1883-84, p. 111; 1884-85, p. 107; 1885-86, p. 29; 1886-87, p. 140; 1887-88, pp. 114, 1102.)
- **MARYLAND.** (An. rep. 1870, p. 156; 1871, p. 210; 1872, p. 149; 1873, p. 151; 1874, p. 167; 1875, p. 171; 1876, p. 165; 1877, p. 95; 1878, p. 97; 1879, p. 95; 1880, p. 134; 1881, p. 97; 1882-83, p. 100; 1883-84, p. 118; 1884-85, p. 115; 1885-86, p. 30; 1886-87, p. 141; 1887-88, pp. 114, 1104.)
- **MASSACHUSETTS.** (An. rep. 1870, p. 165; 1871, p. 213; 1872, p. 156; 1873, p. 166; 1874, p. 180; 1875, p. 184; 1876, p. 179; 1877, p. 105; 1878, p. 105; 1879, p. 103; 1880, p. 142; 1881, p. 105; 1882-83, p. 109; 1883-84, p. 128; 1884-85, p. 125; 1885-86, p. 30; 1886-87, p. 143; 1887-88, pp. 115, 1106.)
- **MICHIGAN.** (An. rep. 1870, p. 185; 1871, p. 237; 1872, p. 184; 1873, p. 192; 1874, p. 203; 1875, p. 208; 1876, p. 200; 1877, p. 121; 1878, p. 120; 1879, p. 117; 1880, p. 160; 1881, p. 122; 1882-83, p. 125; 1883-84, p. 143; 1884-85, p. 140; 1885-86, p. 31; 1886-87, p. 143; 1887-88, p. 115.)
- **MINNESOTA.** (An. rep. 1870, p. 194; 1871, p. 244; 1872, p. 189; 1873, p. 192; 1874, p. 219; 1875, p. 221; 1876, p. 212; 1877, p. 130; 1878, p. 129; 1879, p. 127; 1880, p. 172; 1881, p. 132; 1882-83, p. 135; 1883-84, p. 151; 1884-85, p. 148; 1885-86, p. 31; 1886-87, p. 145; 1887-88, p. 116.)
- **MISSISSIPPI.** (An. rep. 1870, p. 200; 1871, p. 256; 1872, p. 195; 1873, p. 211; 1874, p. 228; 1875, p. 233; 1876, p. 221; 1877, p. 138; 1878, p. 135; 1879, p. 132; 1880, p. 180; 1881, p. 138; 1882-83, p. 140; 1883-84, p. 157; 1884-85, p. 154; 1886-87, p. 146; 1887-88, pp. 117, 1108.)
- **MISSOURI.** (An. rep. 1870, p. 201; 1871, p. 260; 1872, p. 203; 1873, p. 220; 1874, p. 235; 1875, p. 240; 1876, p. 228; 1877, p. 143; 1878, p. 140; 1879, p. 136; 1880, p. 186; 1881, p. 144; 1882-83, p. 145; 1883-84, p. 162; 1884-85, p. 158; 1885-86, p. 31; 1886-87, p. 149; 1887-88, p. 117.)
- **MONTANA.** (An. rep. 1870, p. 323; 1872, p. 375; 1873, p. 453; 1874, p. 489; 1875, p. 497; 1876, p. 452; 1877, p. 287; 1878, p. 284; 1879, p. 251; 1880, p. 378; 1881, p. 296; 1882-83, p. 298; 1883-84, p. 302; 1884-85, p. 303; 1885-86, p. 39; 1886-87, p. 150; 1887-88, p. 119.)
- **NEBRASKA.** (An. rep. 1870, p. 212; 1871, p. 270; 1872, p. 214; 1873, p. 233; 1874, p. 250; 1875, p. 255; 1876, p. 241; 1877, p. 153; 1878, p. 149; 1879, p. 145; 1880, p. 196; 1881, p. 151; 1882-83, p. 152; 1883-84, p. 170; 1884-85, p. 167; 1885-86, p. 32; 1886-87, p. 150; 1887-88, p. 121.)
- **NEVADA.** (An. rep. 1870, p. 212; 1871, p. 272; 1872, p. 216; 1873, p. 242; 1874, p. 261; 1875, p. 263; 1876, p. 248; 1877, p. 157; 1878, p. 154; 1879, p. 149; 1880, p. 200; 1881, p. 157; 1882-83, p. 158; 1883-84, p. 175; 1884-85, p. 173; 1885-86, p. 33; 1886-87, p. 150; 1887-88, p. 123.)
- **NEW HAMPSHIRE.** (An. rep. 1870, p. 215; 1871, p. 276; 1872, p. 218; 1873, p. 247; 1874, p. 264; 1875, p. 267; 1876, p. 253; 1877, p. 161; 1878, p. 158; 1879, p. 153; 1880, p. 206; 1881, p. 159; 1882-83, p. 161; 1883-84, p. 178; 1884-85, p. 176; 1885-86, p. 33; 1886-87, p. 151; 1887-88, p. 125.)
- **NEW JERSEY.** (An. rep. 1870, p. 221; 1871, p. 283; 1872, p. 224; 1873, p. 256; 1874, p. 274; 1875, p. 275; 1876, p. 262; 1877, p. 167; 1878, p. 165; 1879, p. 159; 1880, p. 212; 1881, p. 165; 1882-83, p. 167; 1883-84, p. 184; 1884-85, p. 183; 1886-87, p. 152; 1887-88, pp. 126, 1103.)
- **NEW MEXICO.** (An. rep. 1870, p. 326; 1871, p. 381; 1872, p. 376; 1873, p. 455; 1874, p. 491; 1875, p. 500; 1876, p. 456; 1877, p. 289; 1880, p. 380; 1881, p. 299; 1882-83, p. 301; 1883-84, p. 304; 1884-85, p. 306; 1886-87, p. 153; 1887-88, p. 129.)
- **NEW YORK.** (An. rep. 1870, p. 227; 1871, p. 283; 1872, p. 231; 1873, p. 269; 1874, p. 292; 1875, p. 299; 1876, p. 273; 1877, p. 174; 1878, p. 172; 1879, p. 166; 1880, p. 220; 1881, p. 173; 1882-83, p. 174; 1883-84, p. 191; 1884-85, p. 192; 1885-86, p. 33; 1886-87, p. 155; 1887-88, p. 130.)
- **NORTH CAROLINA.** (An. rep. 1870, p. 248; 1871, p. 313; 1872, p. 361; 1873, p. 298; 1874, p. 317; 1875, p. 318; 1876, p. 297; 1877, p. 190; 1878, p. 186; 1879, p. 181; 1880, p. 238; 1881, p. 194; 1882-83, p. 192; 1883-84, p. 206; 1884-85, p. 209; 1885-86, p. 34; 1886-87, p. 157; 1887-88, p. 135.)
- **OHIO.** (An. rep. 1870, p. 252; 1871, p. 317; 1872, p. 269; 1873, p. 308; 1874, p. 324; 1875, p. 327; 1876, p. 305; 1877, p. 196; 1878, p. 191; 1879, p. 186; 1880, p. 246; 1881, p. 200; 1882-83, p. 200; 1883-84, p. 212; 1884-85, p. 213; 1885-86, p. 35; 1886-87, p. 157; 1887-88, pp. 137, 1110.)

- State school systems.** [By States.] OREGON. (An. rep. 1870, p. 268; 1871, p. 323; 1872, p. 283; 1873, p. 332; 1874, p. 348; 1875, p. 345; 1876, p. 323; 1877, p. 208; 1878, p. 200; 1879, p. 194; 1880, p. 260; 1881, p. 210; 1882-83, p. 212; 1883-84, p. 222; 1884-85, p. 223; 1885-86, p. 35; 1886-87, p. 157; 1887-88, p. 137.)
- PENNSYLVANIA. (An. rep. 1870, p. 268; 1871, p. 326; 1872, p. 288; 1873, p. 337; 1874, p. 355; 1875, p. 354; 1876, p. 331; 1877, p. 212; 1878, p. 205; 1879, p. 198; 1880, p. 266; 1881, p. 216; 1882-83, p. 217; 1883-84, p. 229; 1884-85, p. 228; 1885-86, p. 35; 1886-87, p. 158; 1887-88, p. 139.)
- RHODE ISLAND. (An. rep. 1870, p. 282; 1871, p. 335; 1872, p. 304; 1873, p. 353; 1874, p. 376; 1875, p. 374; 1876, p. 352; 1877, p. 224; 1878, p. 216; 1879, p. 212; 1880, p. 284; 1881, p. 230; 1882-83, p. 231; 1883-84, p. 242; 1884-85, p. 239; 1885-86, p. 36; 1886-87, p. 159; 1887-88, p. 140.)
- SOUTH CAROLINA. (An. rep. 1870, p. 285; 1871, p. 340; 1872, p. 312; 1873, p. 360; 1874, p. 387; 1875, p. 386; 1876, p. 362; 1877, p. 232; 1878, p. 222; 1879, p. 218; 1880, p. 292; 1881, p. 235; 1882-83, p. 236; 1883-84, p. 249; 1884-85, p. 247; 1885-86, p. 36; 1886-87, p. 162; 1887-88, p. 143.)
- TENNESSEE. (An. rep. 1870, p. 286; 1871, p. 347; 1872, p. 318; 1873, p. 368; 1874, p. 396; 1875, p. 394; 1876, p. 370; 1877, p. 237; 1878, p. 227; 1879, p. 224; 1880, p. 300; 1881, p. 240; 1882-83, p. 241; 1883-84, p. 256; 1884-85, p. 253; 1885-86, p. 36; 1886-87, p. 163; 1887-88, p. 144.)
- TEXAS. (An. rep. 1870, p. 290; 1871, p. 350; 1872, p. 327; 1873, p. 381; 1874, p. 409; 1875, p. 407; 1876, p. 383; 1877, p. 244; 1878, p. 233; 1879, p. 230; 1880, p. 310; 1881, p. 247; 1882-83, p. 248; 1883-84, p. 261; 1884-85, p. 259; 1885-86, p. 37; 1886-87, p. 163; 1887-88, p. 146.)
- UTAH TERRITORY. (An. rep. 1870, p. 238; 1871, p. 383; 1872, p. 377; 1873, p. 460; 1874, p. 500; 1875, p. 511; 1876, p. 458; 1877, p. 291; 1878, p. 289; 1879, p. 285; 1880, p. 384; 1881, p. 301; 1882-83, p. 302; 1883-84, p. 305; 1884-85, p. 308; 1886-87, p. 165; 1887-88, p. 148.)
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- VIRGINIA. (An. rep. 1870, p. 293; 1871, p. 357; 1872, p. 339; 1873, p. 393; 1874, p. 423; 1875, p. 423; 1876, p. 399; 1877, p. 256; 1878, p. 244; 1879, p. 243; 1880, p. 326; 1881, p. 257; 1882-83, p. 271; 1883-84, p. 259; 1884-85, p. 269; 1885-86, p. 37; 1886-87, p. 166; 1887-88, p. 152, 1111.)
- WASHINGTON TERRITORY. (An. rep. 1870, p. 333; 1872, p. 381; 1873, p. 464; 1874, p. 503; 1875, p. 515; 1876, p. 462; 1877, p. 293; 1878, p. 292; 1879, p. 287; 1880, p. 388; 1881, p. 303; 1882-83, p. 304; 1883-84, p. 307; 1884-85, p. 312; 1886-87, p. 166; 1887-88, p. 152.)
- WEST VIRGINIA. (An. rep. 1870, p. 299; 1871, p. 362; 1872, p. 350; 1873, p. 407; 1874, p. 438; 1875, p. 438; 1876, p. 412; 1877, p. 262; 1878, p. 251; 1879, p. 250; 1880, p. 336; 1881, p. 264; 1882-83, p. 264; 1883-84, p. 277; 1884-85, p. 276; 1885-86, p. 38; 1886-87, p. 169; 1887-88, p. 153.)
- WISCONSIN. (An. rep. 1870, p. 301; 1871, p. 371; 1872, p. 356; 1873, p. 413; 1874, p. 447; 1875, p. 449; 1876, p. 419; 1877, p. 266; 1878, p. 257; 1879, p. 256; 1880, p. 342; 1881, p. 269; 1882-83, p. 270; 1883-84, p. 281; 1884-85, p. 280; 1886-87, p. 170; 1887-88, p. 155.)
- WYOMING TERRITORY. (An. rep. 1870, p. 334; 1872, p. 383; 1873, p. 468; 1874, p. 505; 1875, p. 518; 1876, p. 465; 1877, p. 296; 1878, p. 295; 1879, p. 290; 1880, p. 392; 1881, p. 306; 1882-83, p. 306; 1883-84, p. 309; 1884-85, p. 316; 1886-87, p. 171; 1887-88, p. 156.)
- Statistics, Educational.** See *Educational statistics.*
- Stearns, Eben S.** Framingham State normal school; historical sketch. (An. rep. 1868, pp. 663-670.)
- Steffen, William.** German schools and teaching German (letter on). (An. rep. 1870, p. 437.)
- Stetson, Charles B.** Popular instruction in elementary drawing: Report based on international school exhibits at the centennial exposition, 1876. (Spec. rep. art and industry, 1885, pp. 635-689.)
- Stewart, N. Coe.** Education of public school teachers in the art of singing. (Circ. inf. 1, 1886, p. 28.)
- Stewart, William W.** Nation and the public school. (Circ. inf. 3, 1887, p. 188.)
- Stuart, Geo.** The *raison d'être* of the public high school. (An. rep. 1886-87, p. 1017.) (*Reprinted from EDUCATION, Jan., 1888.*)
- Studies, Common school.** GREGORY, J. M. Some fundamental inquiries concerning common-school studies. (Circ. inf. 2, 1882, p. 80.)
- Study, Courses of.** See *Courses of study.*
- Straubenmeller, John.** See *Douai, Adolf, and*
- Strong, William.** Instruction in governmental ideas. (Circ. inf. 2, 1879, p. 65.)

- Summer schools.** See **Vacation schools.** (An. rep. 1879, p. ccxvii.)
- Sumner, J. S., and "a Librarian."** Theological libraries in the United States. (Pub. libs. 1876, pp. 127-160.)
- Sunday schools,** Educational work of, and foreign missions. (An. rep. 1873, pp. 481-482.)
- Education in Sunday schools and mission schools. (An. rep. 1875, p. 545; 1878, p. 302.)
- Sunday-school training. (An. rep. 1874, p. 523.)
- Superior instruction.** See **Colleges and universities;** see also **Women, education of.**
- Sweden,** Education in. (An. rep. 1875, p. cxxxiv; 1876, p. exciii; 1877, p. clxviii; 1878, p. clxxi; 1879, p. ccii; 1880, p. cccxv; 1881, p. cclxiii; 1882-83, p. cclxiii; 1883-84, p. cccxxxiv; 1884-85, p. cccxciii.)
- Sweden and Norway,** Education in. (An. rep. 1871, pp. 477-484; 1872, pp. 520-521; 1873, p. clxv.)
- Report on systems of public instruction in. pp. 48. (Circ. inf. July, 1871.)
- Switzerland,** Education in. (An. rep. 1871, pp. 484-487; 1872, pp. 521-533; 1873, p. clxvi; 1874, p. clxiii; 1875, p. cccxv; 1876, p. exciii; 1877, p. clxviii; 1878, p. clxxiii; 1879, p. ccii; 1880, p. cccxv; 1881, p. cclxiii; 1882-83, p. cclxv; 1883-84, p. cccxxxiv; 1887-88, p. 1025.)
- **HITTS, JOHN.** Popular education in Switzerland. (Circ. inf. 2, 1879, p. 8.)
- Normal school at Kussnacht, in canton of Zurich. (An. rep. 1868, pp. 361-365.)
- Public instruction in Zurich. (An. rep. 1868, pp. 337-360.)
- Trade and industrial schools. (An. rep. 1886-87, p. 984.)
- Syrian protestant college at Beirut.** (An. rep. 1871, pp. 505, 506.)
- Tasmania,** Education in. (An. rep. 1883-84, p. cclxviii; 1884-85, p. cccxxi.)
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- Taxation for education.** Taxation for school purposes. [In the several states.] (An. rep. 1879, p. cccxiii.)
- Taylor, W. P.** Patent office library. (Pub. libs. 1876, p. 271.)
- Teachers.** (An. rep. 1870, p. 62.)
- **DAY, L. W.** The examination of teachers. (Circ. inf. 2, 1889, p. 219.)
- **Draper, A. S.** Qualifications of teachers, followed by discussion of E. E. Higbee, W. W. Woodruff, R. K. Buehrle, D. L. Kiehle. (Circ. inf. 6, 1888, pp. 58-68.)
- Examinations and qualifications of. (An. rep. 1881, p. lvi.)
- **HARRIS, WILLIAM T.** How to improve the qualifications of teachers. (Circ. inf. 2, 1882, p. 98.)
- **HINSDALE, A. B.** Committee report on Andrew J. Rickoff's paper "Examinations and certification of teachers." (Circ. inf. 3, 1887, p. 155.)
- Legal provisions respecting the examinations and licensing of teachers. pp. 46. (Circ. inf. 1, 1883.)
- **NEWELL, M. A.** Teachers' examinations. (Circ. inf. 2, 1889, p. 217.)
- Qualifications and appointment of teachers. (An. rep. 1881, p. lvi.)
- **RICKOFF, ANDREW J.** Examination and certification of teachers, with remarks by Wm. A. Mowry. (Circ. inf. 3, 1887, pp. 46-58.)
- Status of the teaching force. (An. rep. 1884-85, p. xlix.)
- Teachers' reading circles. See **Reading circles.**
- Teaching force. (An. rep. 1883-84, p. xxxviii.)
- Tenure of office of. (An. rep. 1879, p. xxiii; 1880, p. xxv.)
- Training of teachers. (An. rep. 1885-86, pp. 305-330; 1886-87, pp. 396-465; 1887-88, pp. 379-480.)
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- **KIEHLE, D. L.** (Circ. inf. 2, 1889, p. 42.)
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- Teachers' institutes.** [In general.] (An. rep. 1886-87, p. 402.)
- **DICKINSON, JOHN W.** State teachers' institutes. (Circ. inf. 2, 1889, p. 84.)
- **HANCOCK, JOHN.** County institutes. (Circ. inf. 2, 1889, p. 76.)
- **HIGBEE, E. E.** County institutes. (Circ. inf. 2, 1889, p. 82.)
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- **SABIN, HENRY.** County institutes. (Circ. inf. 2, 1889, p. 82.)
- **SMART, JAMES H.** Teachers' institutes. pp. 206. (Circ. inf. 2, 1885.)
- **THAYER, JESSE B.** County institutes, followed by discussion by Richard Edwards, E. E. Higbee, and A. S. Draper. (Circ. inf. 6, 1888, pp. 44-47.)
- See also **Normal and training schools.**
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- Teachers' institutes.** [By States.] ALABAMA. (An. rep. 1872, p. 4; 1874, p. 7; 1875, p. 11; 1877, p. 7; 1878, p. 7; 1879, p. 7; 1880, p. 8; 1881, p. 6; 1882-83, p. 7; 1883-84, p. 8; 1884-85, p. 8; 1885-86, p. 24; 1886-87, p. 418; 1887-88, p. 409.)
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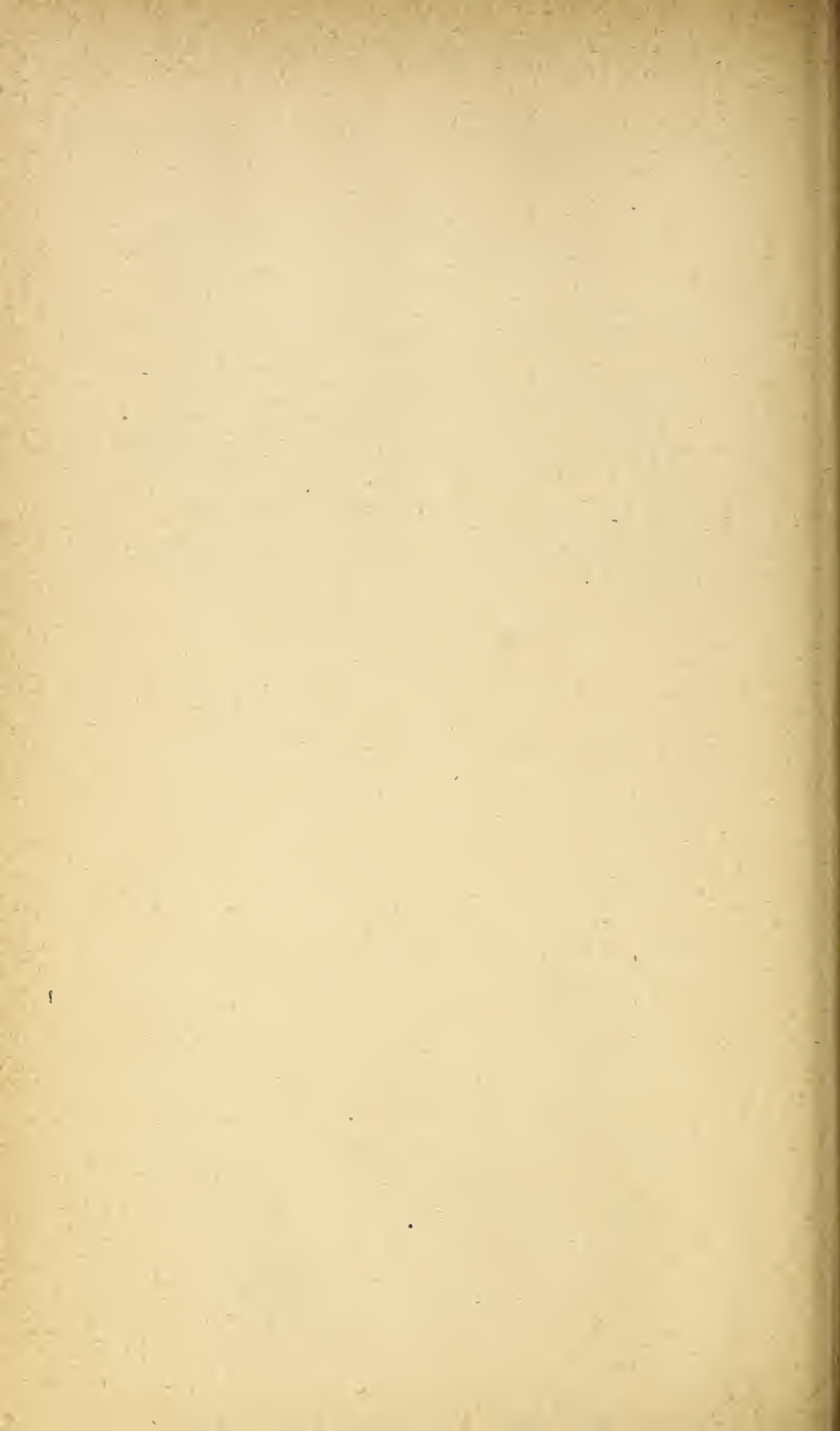
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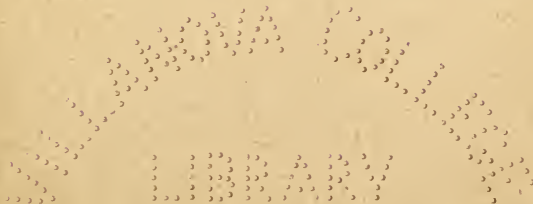
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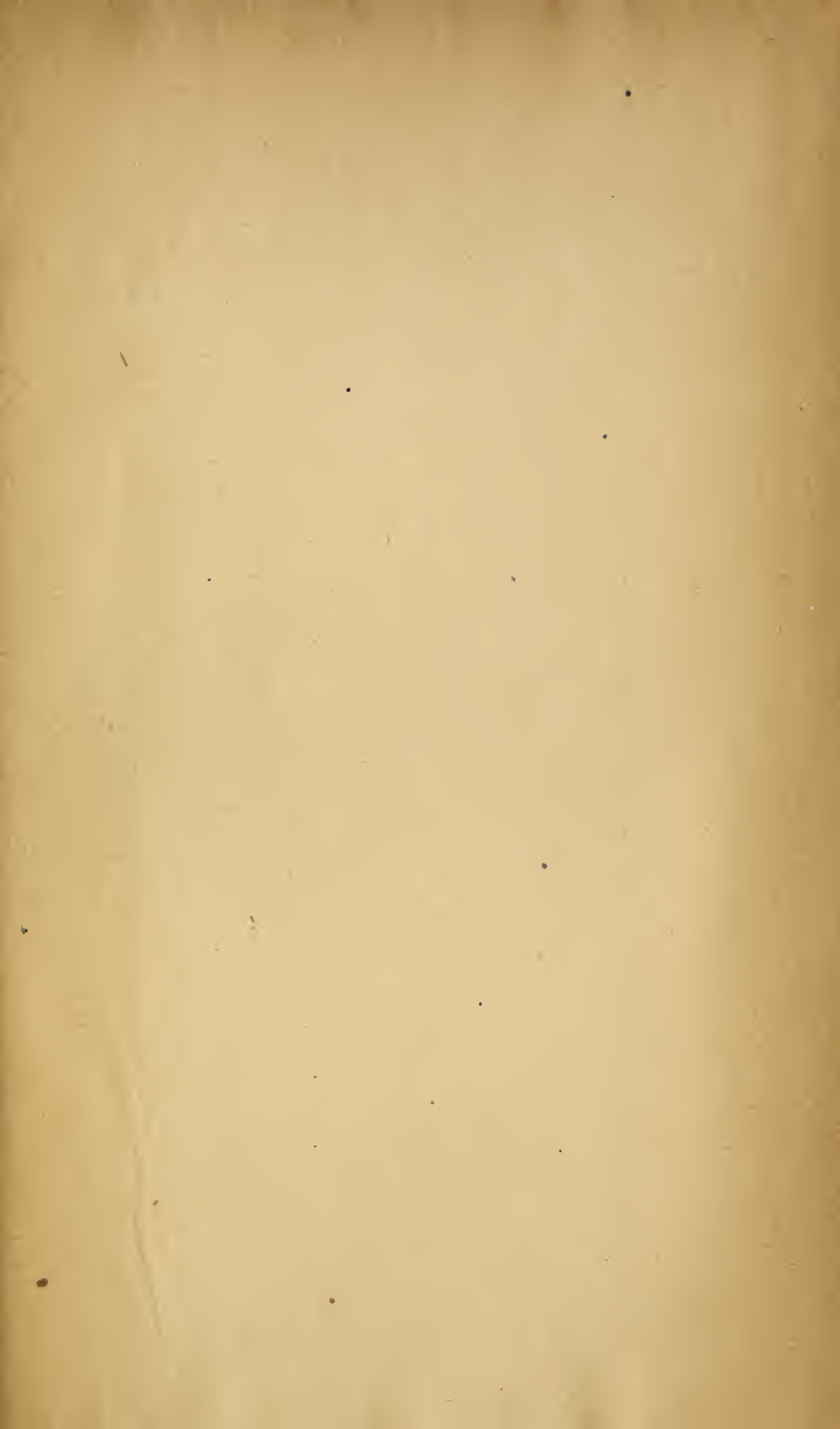
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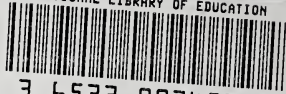
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